

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

(1) 6" STANDARD, HORIZONTALLY ALIGN RIGHT EXTREME EDGE OF WHOLE NUMERALS, REGARDLESS OF LINE OF COPY.

HORIZONTALLY ALIGN LEFT EXTREME EDGE OF FRACTIONS REGARDLESS OF LINE COPY.

WHEN NO FRACTIONS EXIST, RIGHT EXTREME EDGE OF WHOLE NUMERALS SHALL BE 13" FROM EDGE OF SIGN.

(2) 25" MINIMUM FROM LONGEST DESTINATION TO LONGEST DESTINATION, REGARDLESS OF LINE COPY.

INCREASE THIS SPACE TO PROVIDE EVEN 12" WIDTH FOR ENTIRE SIGN.

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

NOTES:

SIGN ALWAYS PLACED OVERHEAD.

"ROUTE" SHALL NOT BE ABBREVIATED.

INTERSTATES SHALL BE REFERENCED WITH A CAPITAL "I", (EX. ROUTE I-29).

Y = 1.5 TIMES LOWERCASE LETTER HEIGHT.

USE HYPHEN TO JOIN 2 ROUTES SHARING THE SAME ROADWAY.

USE AN AMPERSAND TO SEPERATE 2 ROUTES ON INDIVIDUAL ROADWAYS.

USE COMMAS & AN AMPERSAND TO SEPERATE 3 OR MORE ROUTES ON INDIVIDUAL ROADWAYS.

BORDER (ALL SIGNS)			
CORNER RADIUS		WIDTH	
U.C. LETTER SIZE	INCHES	U.C. LETTER SIZE	INCHES
10.67" OR LESS	6	12" OR LARGER	2
FROM 10.67" TO 12"	9		
OVER 12"	12	LESS THAN 12"	1

GENERAL SIGN DATA				
STR2L-3	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		R2	GREEN	
LEGEND	L-3	R4	WHITE	E(M)
SYMBOLS	L-3	R4	VAR.	
BORDER	L-3	R4	WHITE	
SUBSTRATE	STRUCTURAL			

GENERAL NOTES (ALL SIGNS):

GROUND MOUNTED SIGNS GREATER THAN 6 FEET WIDE OR SIGNS GREATER THAN 30 SQUARE FEET SHALL BE STRUCTURAL.

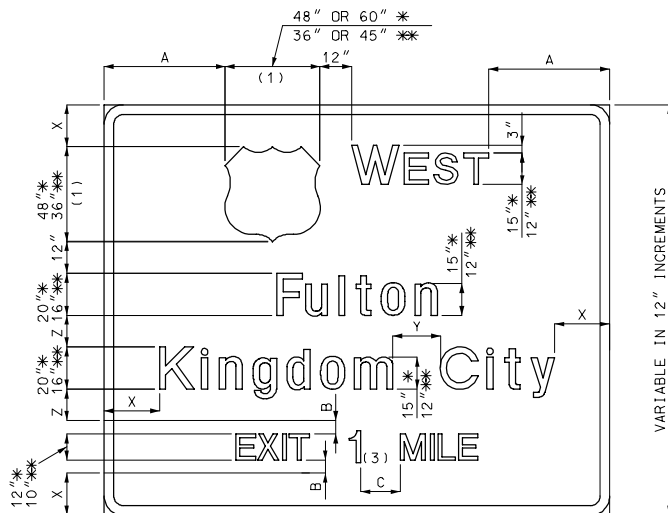
GUIDE SIGN WIDTH VARIABLE IN 12" INCREMENTS.

GUIDE SIGN HEIGHT VARIABLE IN 12" INCREMENTS.

STATE ABBREVIATIONS SHALL BE THE STANDARD 2-LETTER POSTAL ABBREVIATION, AND SHALL BE DETAILED IN ALL-CAPS.

SEE OTHER STANDARD DRAWINGS FOR ARROW DETAILS.

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING STRUCTURAL SIGNS INTERCHANGE SEQUENCE	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	1/23



TYPICAL ADVANCE GUIDE

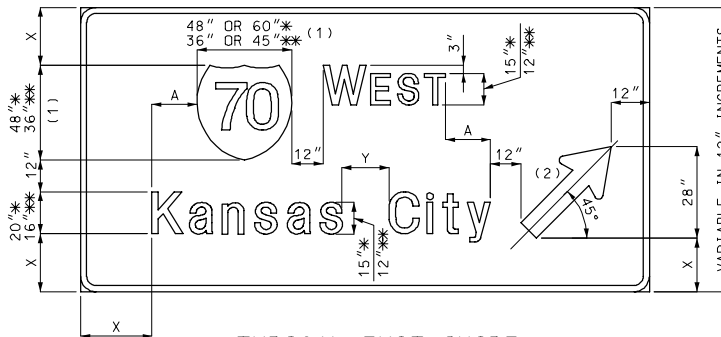
NOTES:

"EXIT" WILL BE OMITTED FROM THE BOTTOM LINE ON INTERSTATE SYSTEMS.

HORIZONTALLY CENTER ALL LINES OF COPY ON THIS TYPE OF SIGN.

* = GROUND MOUNT

** = OVERHEAD



TYPICAL EXIT GUIDE

NOTES:

CARDINAL DIRECTION PLACED ON EXIT SIDE OF SHIELD.

(1) ALTERNATE ROUTE SHIELDS MAY BE USED AS REQUIRED.

(2) TYPE A ARROW AT 45° STANDARD REGARDLESS OF ROADWAY GEOMETRICS.

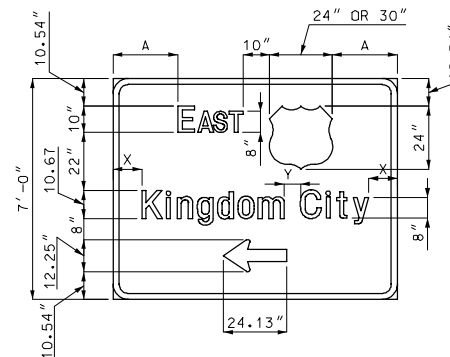
(3) WHOLE NUMERALS, 18" GROUND MOUNT, 15" OVERHEAD.

NUMERAL TO FRACTION SPACE, 8" GROUND MOUNT, 6" OVERHEAD.

BOX DIMENSION FRACTIONS: OVERHEAD IS 15" H x 20"W FOR 1/2, 1/4, 15"H x 25"W FOR 3/4, GROUND MOUNT 18"H x 24"W FOR 1/2, 1/4, 18"H x 30"W FOR 3/4.

* = GROUND MOUNT

** = OVERHEAD



FOR USE ON CROSSROADS

GUIDE SIGN LEGEND

A,B = VARIABLE SUCH THAT OVERALL SIGN WIDTH IS IN 12" INCREMENTS.

C = 1.5 TIMES WORDING LETTER HEIGHT.

X = APPROXIMATELY THE UPPERCASE LETTER HEIGHT. VARY THIS DIMENSION FOR HEIGHT AND WIDTH INCREMENTAL ROUNDING.

Y = 1.5 TIMES LOWER CASE LETTER HEIGHT

Z = LOWER CASE LETTER HEIGHT

* = GROUND MOUNT

** = OVERHEAD

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

SUBSTRATE

ST STRUCTURAL
SH SHEET

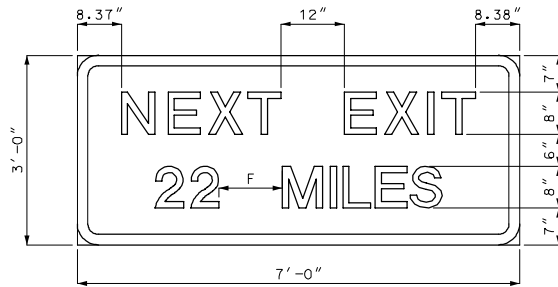
BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

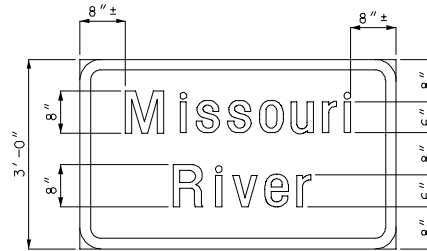
GENERAL SIGN DATA					
STR2L-3	TYPE	REFL. SHEETING TYPE	GROUND	OVERHEAD	LETTER SERIES
BACKGROUND	L-3	R2	R2	GREEN	
LEGEND	L-3	R4	R4	WHITE	E(M)
SYMBOLS	L-3	R4	R4	VAR.	
BORDER	L-3	R4	R4	WHITE	
SUBSTRATE	STRUCTURAL (SEE GEN. NOTES ON SH. 1)				

BORDER (ALL SIGNS)			
CORNER RADIUS		WIDTH	
U.C. LETTER SIZE	INCHES	U.C. LETTER SIZE	INCHES
10.67" OR LESS FROM 10.67" TO 12" OVER 12"	6 9 12	12" OR LARGER	2
		LESS THAN 12"	1

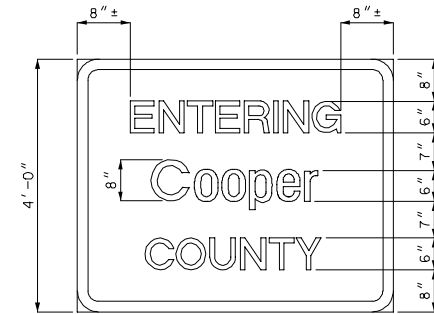
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY SIGNING STRUCTURAL SIGNS ADVANCE/EXIT GUIDE SIGNS			
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	2 23



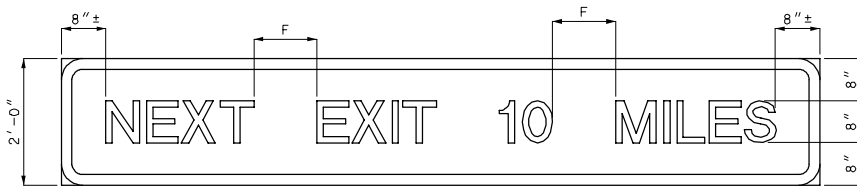
E2-1A



RIVER/CREEK

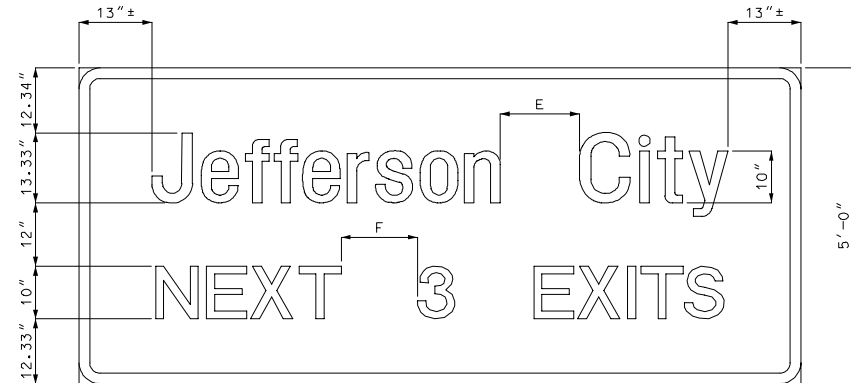


COUNTY LINE



E2-1

NEXT EXIT SUPPLEMENTAL
ADVANCE GUIDE SIGNS



NEXT (X) EXITS

BORDER (ALL SIGNS)			
CORNER RADIUS		WIDTH	
U.C. LETTER SIZE	INCHES	U.C. LETTER SIZE	INCHES
10.67" OR LESS FROM 10.67" TO 12"	6 9 12	12" OR LARGER	2
OVER 12"		LESS THAN 12"	1

GENERAL SIGN DATA				
SHR2L-3 STR2L-3	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		R2	GREEN	
LEGEND	L-3	R4	WHITE	E(M)
SYMBOLS	L-3	R4	VAR.	
BORDER	L-3	R4	WHITE	
SUBSTRATE	SHEET (SEE GEN. NOTES ON SH. 1)			

E = 1.5 TIMES LOWER CASE LETTER HEIGHT.
F = 1.5 TIMES LETTER HEIGHT.

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

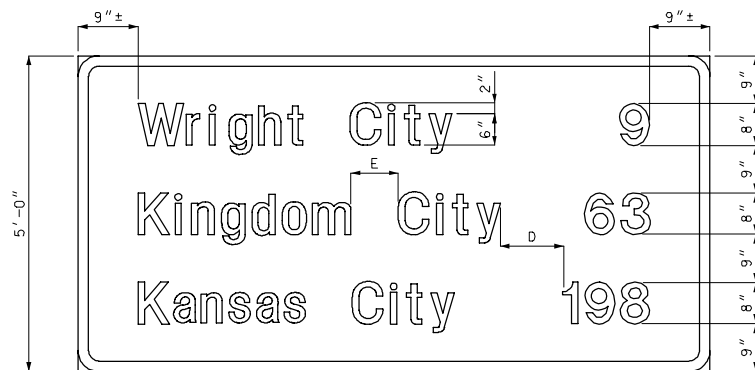
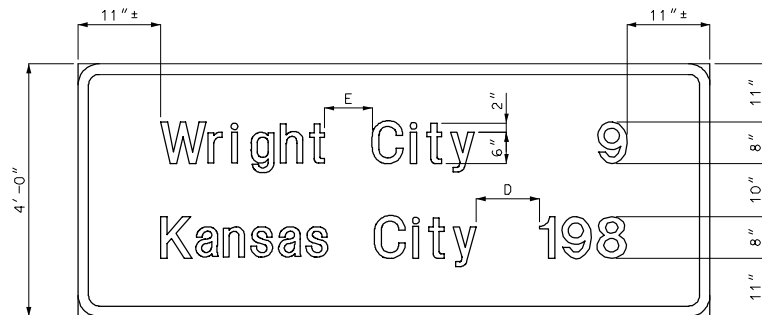
R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN
PRINT, OR OPAQUE OR TRAN-
SLUCENT CUTABLE FILMS AS
APPROVED BY ENGINEER BASED
ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM
MATERIAL SHOWN ON PLANS.)

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING STRUCTURAL SIGNS MISC. GUIDE SIGNS	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	3 23



NOTE: FOR INTERSTATE, LAST LINE OF COPY SHALL INDICATE APPROVED AASHTO CONTROL CITY.

POST INTERCHANGE/INTERSECTION DISTANCE SIGN

D = 1.5 TIMES UPPER CASE LETTER HEIGHT,
FROM LONGEST DESTINATION TO LONGEST
DISTANCE, REGARDLESS OF LINE COPY.

E = 1.5 TIMES LOWER CASE LETTER HEIGHT.

F = 1.5 TIMES LETTER HEIGHT.

SUBSTRATE
ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

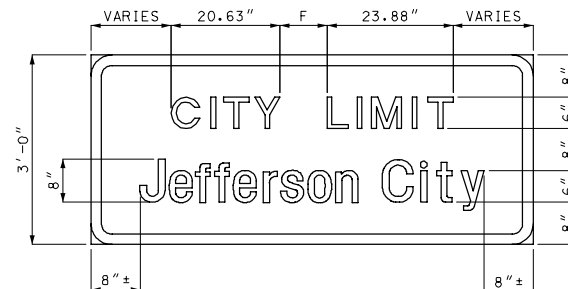
GENERAL SIGN DATA				
SHR2L-3 STR2L-3	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		R2	GREEN	
LEGEND	L-3	R4	WHITE	E(M)
SYMBOLS	L-3	R4	VAR.	
BORDER	L-3	R4	WHITE	
SUBSTRATE	SHEET (SEE GEN. NOTES ON SH. 1)			

BORDER (ALL SIGNS)			
CORNER RADII		WIDTH	
U.C. LETTER SIZE	INCHES	U.C. LETTER SIZE	INCHES
10.67" OR LESS FROM 10.67" TO 12"	6 9 12	12" OR LARGER	2
OVER 12"		LESS THAN 12"	1

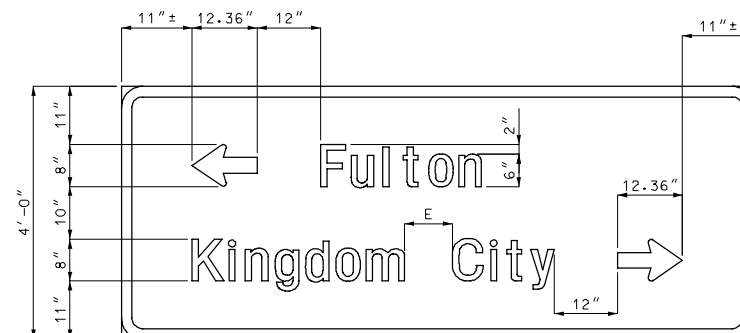
LEGEND, SYMBOLS & BORDER

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PRINT, OR OPAQUE OR TRAN-
SLUCENT CUTABLE FILMS AS
APPROVED BY ENGINEER BASED
ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM
MATERIAL SHOWN ON PLANS.)



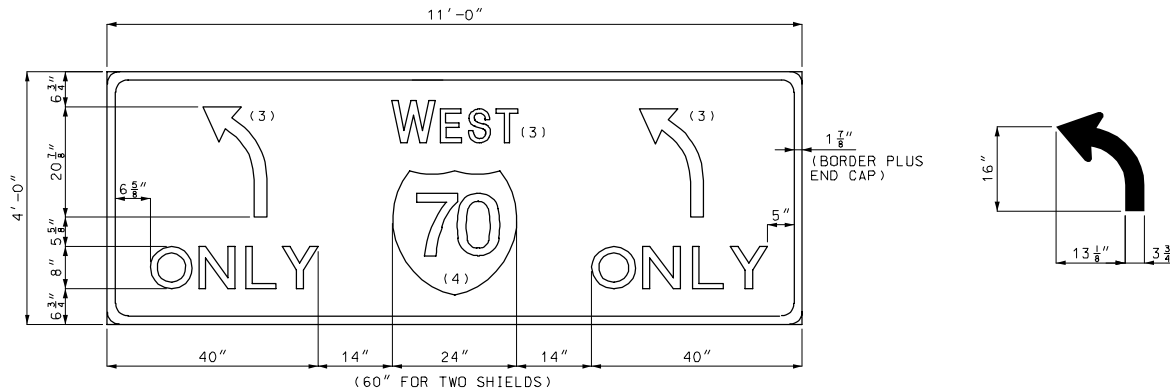
CITY LIMITS



NOTE: DESTINATIONS ARE PLACED IN THE FOLLOWING
ORDER: AHEAD, LEFT, RIGHT. TYPE D ARROWS
ONLY SHALL BE USED.

ADVANCE INTERSECTION DESTINATION SIGN

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING STRUCTURAL SIGNS MISC. GUIDE SIGNS	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	4 23



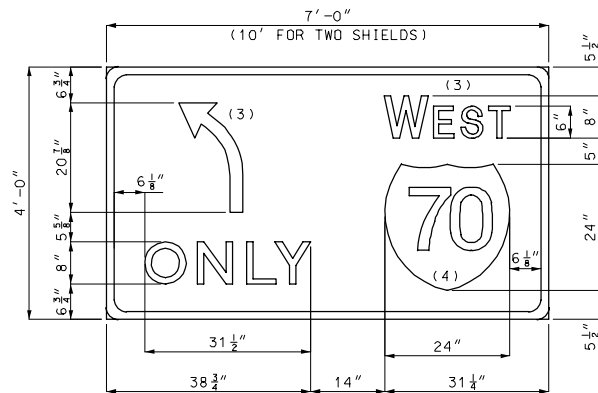
NOTES:

ARROW SHALL APPEAR ON THE EXIT SIDE OF SHIELD.

SIGN ALWAYS PLACED OVERHEAD. MOUNT ON BRIDGE WHEREVER POSSIBLE.

(3) ALL CARDINAL DIRECTIONS HORIZONTALLY CENTERED IN SPACE PROVIDED.

(4) ALTERNATE ROUTE SHIELDS MAY BE PROVIDED. USE STANDARD 24" OR 30" SHIELD IN SPACE PROVIDED.



BORDER (ALL SIGNS)

CORNER RADIUS		WIDTH	
U.C. LETTER SIZE	INCHES	U.C. LETTER SIZE	INCHES
10.67" OR LESS	6	12" OR LARGER	2
FROM 10.67" TO 12"	9	LESS THAN 12"	1
OVER 12"	12		

GENERAL SIGN DATA

STR2L-3	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		R2	GREEN	
LEGEND	L-3	R4	WHITE	E(M)
SYMBOLS	L-3	R4	VAR.	
BORDER	L-3	R4	WHITE	
SUBSTRATE	STRUCTURAL			

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

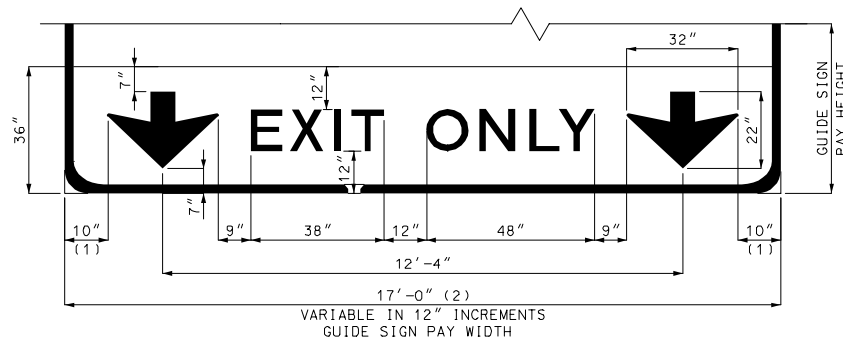
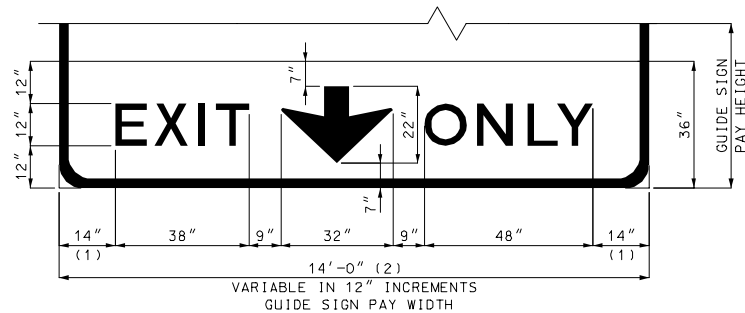
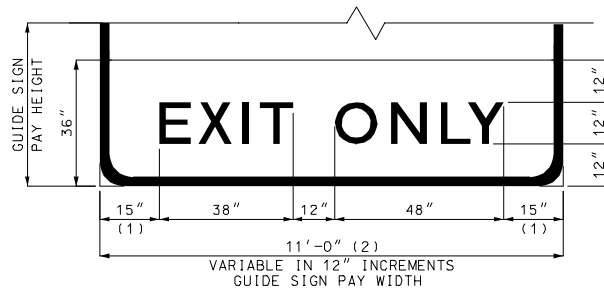
**HIGHWAY SIGNING
STRUCTURAL SIGNS**
LANE CONTROL WITH ROUTE SHIELD

DATE: _____

EFFECTIVE: 01-01-2003

903.02AF

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23



(1) TYPICALLY VARY THIS DISTANCE TO MATCH WIDTH OF GUIDE SIGN.

(2) MINIMUM GUIDE SIGN WIDTH WHEN EXIT ONLY PANEL IS CONTROL LINE FOR SIGN WIDTH.

BORDER (ALL SIGNS)			
CORNER RADIUS		WIDTH	
U.C. LETTER SIZE	INCHES	U.C. LETTER SIZE	INCHES
10.67" OR LESS	6	12" OR LARGER	2
FROM 10.67" TO 12"	9	LESS THAN 12"	1
OVER 12"	12		

GENERAL SIGN DATA				
STR2L-3	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		R2	YELLOW	
LEGEND	L-3		BLACK	E (MOD)
SYMBOLS	L-3		BLACK	
BORDER	L-3	R4	BLACK	
SUBSTRATE	STRUCTURAL			

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

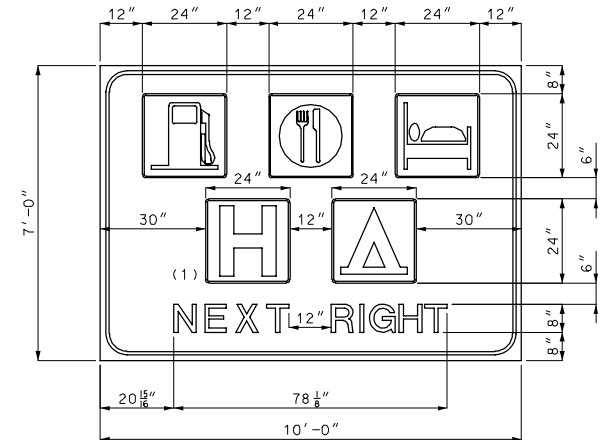
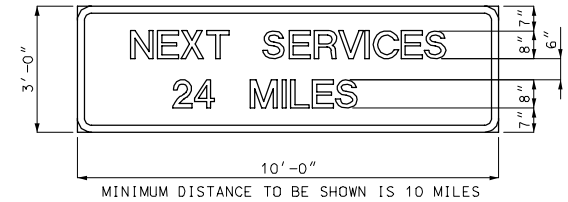
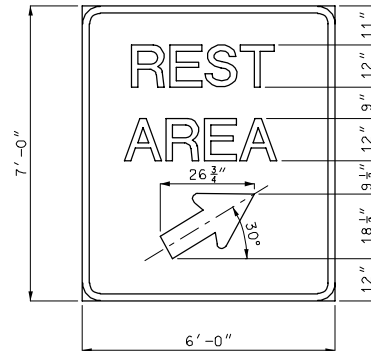
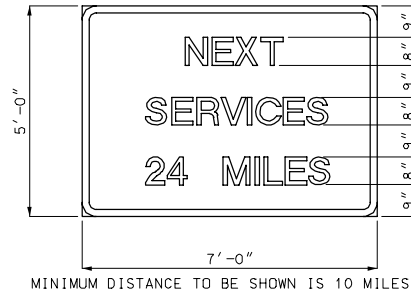
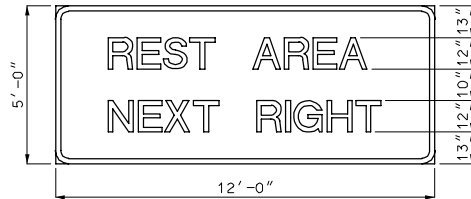
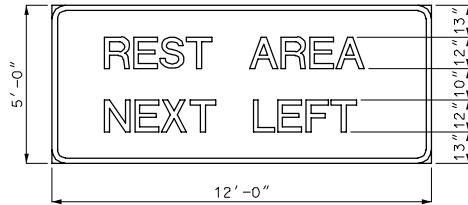
GENERAL NOTES:

NO DIRECT PAY MADE FOR THIS PANEL. COST FOR PANEL IS INCLUDED IN THE COST FOR THE GUIDE SIGN TO WHICH THIS PANEL IS ATTACHED.

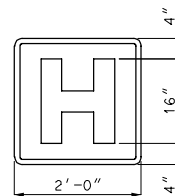
FOR OVERHEAD USE ONLY.

PLACE SIGN ON TRUSS TO ALIGN CENTER OF LANE WITH TYPE C ARROW.

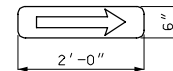
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING STRUCTURAL SIGNS EXIT ONLY PANELS	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	6 23



BORDER (ALL SIGNS)			
CORNER RADIUS		WIDTH	
MINIMUM SIGN DIM.	INCHES	SIGN SIZE	INCHES
5' OR LESS	6	6' x 10' OR LARGER	2
FROM 5' TO 7'	9		
OVER 7'	12	LESS THAN 6' x 10'	1 1/8



SHEET SIGN (SHR)
1/2" BORDER
1 1/2" RADIUS



SHEET SIGN (SH)

D9-2B

INTERSTATE - USE "EXIT XX"
FREEWAY - USE "NEXT RIGHT" "SECOND RIGHT"
(1) TO BE USED IN CONFORMANCE WITH
MANUAL ON UNIFORM TRAFFIC CONTROL.

SUBSTRATE
ST STRUCTURAL
SH SHEET

GENERAL SIGN DATA				
STR2L-3	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		R2	BLUE	
LEGEND	L-3	R4	WHITE	E(M)
SYMBOLS	L-3	R4	WHITE	
BORDER	L-3	R4	WHITE	
SUBSTRATE	STRUCTURAL			

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN
PRINT, OR OPAQUE OR TRAN-
SLUCENT CUTABLE FILMS AS
APPROVED BY ENGINEER BASED
ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM
MATERIAL SHOWN ON PLANS.)

SERVICE SIGNS NOTES:

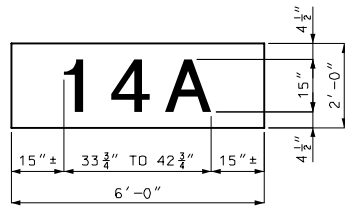
ALL SERVICE SIGNS SHALL BE STRUCTURAL EXCEPT
AS NOTED.

ALL STRUCTURAL SIGNS SHALL BE FABRICATED OF 12 INCH
EXTRUDED ALUMINUM PANELS. SEE OTHER DRAWINGS FOR
DETAILS OF EXTRUDED ALUMINUM PANELS.

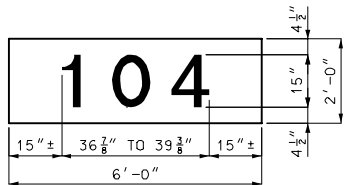
SCENIC VIEW SIGNS SAME AS REST AREA SIGNS WHERE
TURNOUTS ARE PROVIDED.

BORDER WIDTH SHALL NOT EXCEED THE STROKE WIDTH OF
THE MAJOR LETTERING ON SIGN.

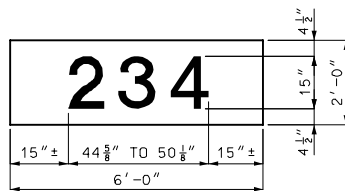
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY SIGNING STRUCTURAL SIGNS SERVICE SIGNS			
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	7 23



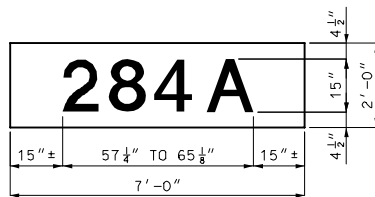
10 THRU 19 WITH LETTER



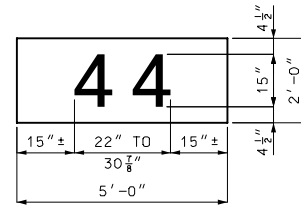
3 DIGIT WITH A 1 NUMERAL



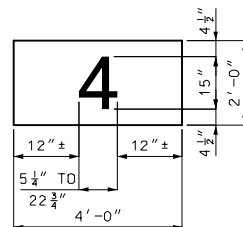
3 DIGIT NUMERALS OR
20 THRU 99 WITH LETTERS



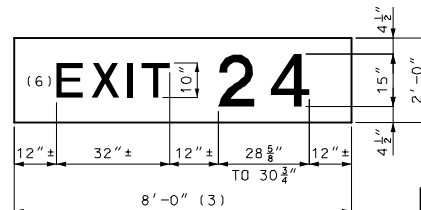
3 DIGIT NUMERALS WITH
LETTER OR 3 DIGIT WITH
A 1 NUMERAL & A LETTER



12 THRU 99 OR
1 THRU 9 WITH LETTER



1 THRU 11



- (3) 8'-0" WITH NUMBER 1 NUMERAL
10'-0" WITH A LETTER
9'-0" WITH A NUMBER 1
NUMERAL & A LETTER
FOR "EXITS" WITH A
NUMBER 1 NUMERAL &
A-B LETTERS
12'-0" FOR "EXITS" WITH
DOUBLE NUMERAL &
A-B LETTERS

20 THRU 99

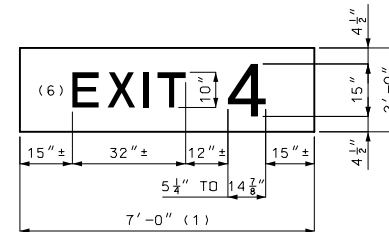
GENERAL SIGN DATA					
STR2L-3	TYPE	REFL.	SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		R2	GROUND	R2	GREEN
LEGEND	L-3	R4	OVERHEAD	R4	WHITE
SYMBOLS	L-3	R4		R4	VAR.
BORDER	L-3	R4		R4	WHITE
SUBSTRATE			STRUCTURAL		

SUBSTRATE

ST STRUCTURAL
SH SHEET

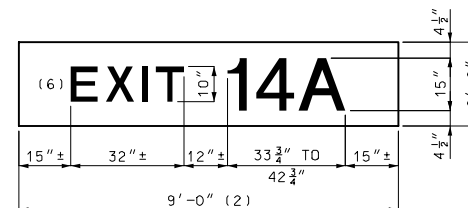
BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7



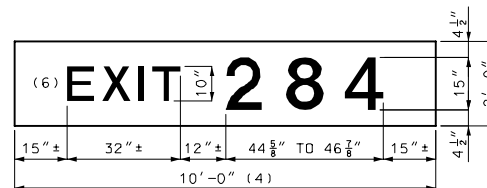
- (1) 5'-0" 2 THRU 9 WITH A LETTER
10'-0" FOR "EXITS" 2 THRU 9 WITH A-B LETTERS

1 THRU 9



- (2) 11'-0" FOR "EXITS" 10 THRU 19
NUMERAL WITH A-B LETTERS

10 THRU 19 NUMERAL
WITH LETTER



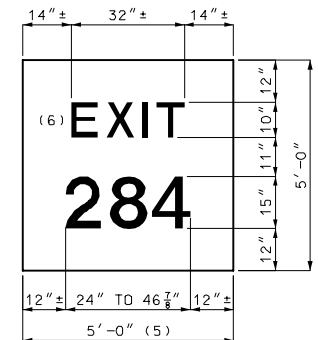
- (4) 9'-0" WITH NUMBER 1 NUMERAL
11'-0" WITH A LETTER
11'-0" WITH A NUMBER 1 NUMERAL & A LETTER
12'-0" FOR "EXITS" WITH A TRIPLE NUMERAL
WITH A NUMBER 1 NUMERAL & A-B LETTERS
13'-0" FOR "EXITS" WITH A TRIPLE
NUMERAL & A-B LETTERS

100 & OVER

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN
PRINT, OR OPAQUE OR TRAN-
SLUCENT CUTABLE FILMS AS
APPROVED BY ENGINEER BASED
ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM
MATERIAL SHOWN ON PLANS.)



- (5) 6'-0" ALL 2 DIGIT NUMERAL WITH LETTER
7'-0" 3 DIGIT NUMERAL WITH LETTER
7'-0" 3 DIGIT WITH NUMBER 1 NUMERAL
AND A LETTER
9'-0" FOR "EXITS" 3 DIGITS WITH A & B
LETTERS

- (6) USE "EXITS" WHEN USING A-B LETTERS.
ALL 1 TO 3 DIGIT NUMERALS

BORDER (ALL SIGNS)			
CORNER RADIUS		WIDTH	
U.C. LETTER SIZE	INCHES	U.C. LETTER SIZE	INCHES
10.67" OR LESS FROM 10.67" TO 12"	6 9 12	12" OR LARGER	2
OVER 12"		LESS THAN 12"	1

GENERAL NOTES:

SIGNS GREATER THAN 6' WIDE OR 30 SQ. FT. IN AREA
SHALL BE STRUCTURAL.

FLAT SHEET FOR SIGNS SHALL BE THE FOLLOWING
THICKNESS:

9 SQUARE FEET OR LESS - .080 IN.,

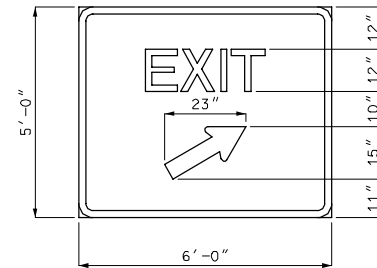
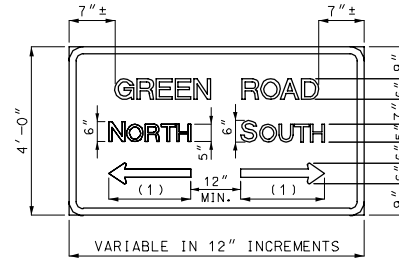
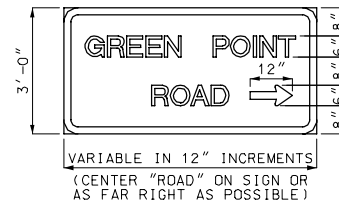
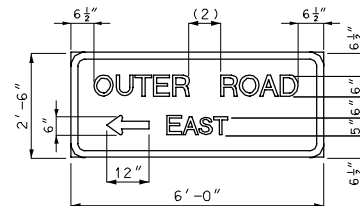
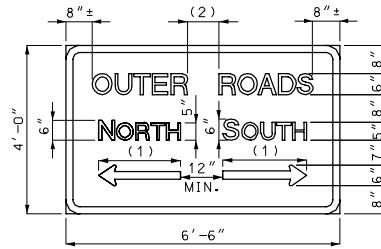
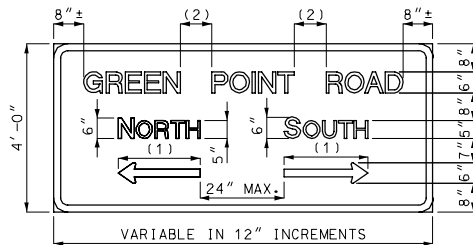
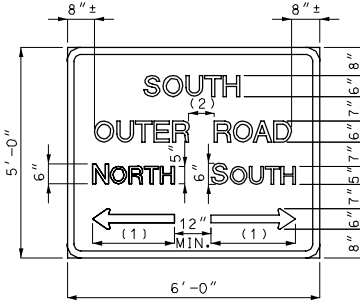
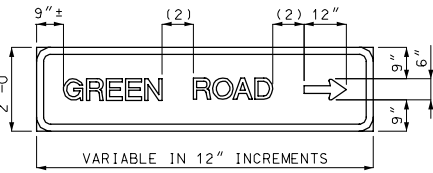
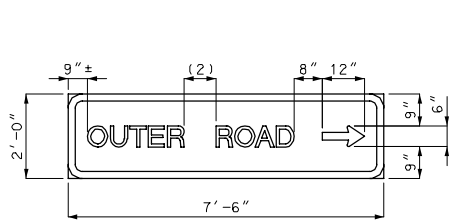
OVER 9 SQUARE FEET TO 16 SQUARE FEET - .100 IN.,

16 SQUARE FEET OR LARGER - .125 IN.

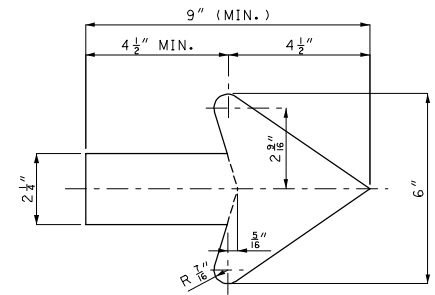
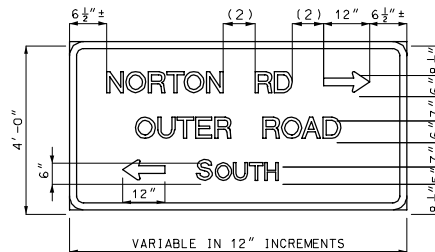
FOR MOUNTING DETAILS SEE OTHER DRAWINGS.

PANEL SHALL BE MOUNTED DIRECTLY TO THE TOP OF THE
GUIDE SIGN AND ALIGNED WITH THE EXIT SIDE.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING EXIT NUMBER PANELS	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	8 23



STR2L-3
GORE EXIT



6" ARROW DETAIL

NOTE: FOR USE ON SIGNS WITH
TYPE L-1 OR L-3 LEGENDS.

BORDER (ALL SIGNS)			
CORNER RADIUS		MARGIN WIDTH (INCHES)	BORDER WIDTH (INCHES)
MINIMUM SIGN DIMENSIONS	INCHES		
2'-6" OR LESS	3	4	7
2'-6" TO 3'-6"	5		
OVER 3'-6"	7		

GENERAL NOTES:

SIGNS GREATER THAN 6' WIDE OR 30 SQ. FT. IN AREA SHALL
BE STRUCTURAL.

FLAT SHEET FOR SIGNS SHALL BE THE FOLLOWING
THICKNESS:

- 9 SQUARE FEET OR LESS - .080 IN.,
- OVER 9 SQUARE FEET TO 16 SQUARE FEET - .100 IN.,
- 16 SQUARE FEET OR LARGER - .125 IN.

FOR MOUNTING DETAILS, SEE OTHER DRAWINGS.

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN
PRINT, OR OPAQUE OR TRAN-
SLUCENT CUTABLE FILMS AS
APPROVED BY ENGINEER BASED
ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM
MATERIAL SHOWN ON PLANS.)

GENERAL SIGN DATA				
SHR2L-3	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
STR2L-3		R2	GREEN	
BACKGROUND		R2	GREEN	
LEGEND	L-3	R4	WHITE	D
SYMBOLS	L-3	R4	WHITE	
BORDER	L-3	R4	WHITE	
SUBSTRATE	SHEET (SEE GENERAL NOTES)			

CROSS ROAD AND OUTER ROAD SIGNS

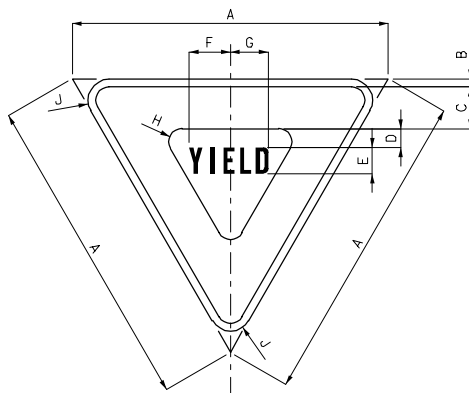
SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY SIGNING CROSS ROAD AND OUTER ROADS GORE EXIT SIGN			
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	9 23



R1-2

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STD.	48	1	6	2 3/4	4	6 1/4	5 7/8	2	3
EXPWY. & FRWY.	60	1 1/2	8	3 1/2	5	7 7/8	7 1/4	2 1/2	4

DIMENSIONS FOR R1-2

GENERAL SIGN DATA				
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND		R2	WHITE	
LEGEND	L-1		RED	C
SYMBOLS	L-1		RED	
BORDER	L-1 *		WHITE	
SUBSTRATE	SHEET			

* REVERSE SCREENED

SUBSTRATE

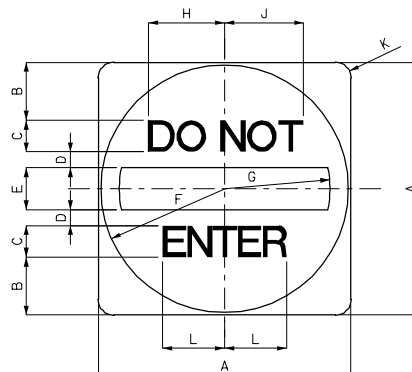
ST STRUCTURAL SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

SIGN	DIMENSIONS (INCHES)								
	A	B	C	D	E	F	G	H	J
STANDARD	36	24	5/8	4 1/2	6	3 1/2	15 3/16	9	1 1/2
EXPWY. & FRWY.	48	30	7/8	5 1/4	8	4	19 3/8	12 3/8	3

DIMENSIONS FOR R5-1a



R5-1

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	
STD.	30	6 $\frac{1}{2}$	4	2	5	14 $\frac{1}{2}$	12 $\frac{1}{2}$	9 $\frac{3}{4}$	10	1 $\frac{7}{8}$	7 $\frac{7}{8}$	
EXPWY. & FRWY.	48	11	6	3	8	23 $\frac{1}{2}$	20	14 $\frac{1}{2}$	15	3	11 $\frac{3}{4}$	

DIMENSIONS FOR R5-1

GENERAL SIGN DATA				
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND	L-1	R2	RED	
LEGEND	L-1 *		WHITE	D
SYMBOLS	L-1 *		WHITE	
BORDER			WHITE	
SUBSTRATE	SHEET			

* REVERSE SCREENED

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

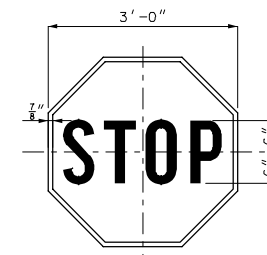
L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

GENERAL SIGN DATA				
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND	L-1	R2	RED	
LEGEND	L-1 *		WHITE	E
SYMBOLS				
BORDER	L-1 *		WHITE	
SUBSTRATE	SHEET			

* REVERSE SCREENED

GENERAL SIGN DATA				
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND	L-1	R2	RED	
LEGEND	L-1 *		WHITE	C
SYMBOLS				
BORDER	L-1 *		WHITE	
SUBSTRATE	SHEET			

* REVERSE SCREENED



SIGN BODY OF .100 ALUMINUM PLATE.

MAJOR STOP SIGN

GENERAL NOTES:

FLAT SHEET FOR SIGNS SHALL BE THE FOLLOWING THICKNESS:

9 SQUARE FEET OR LESS - .080 IN..

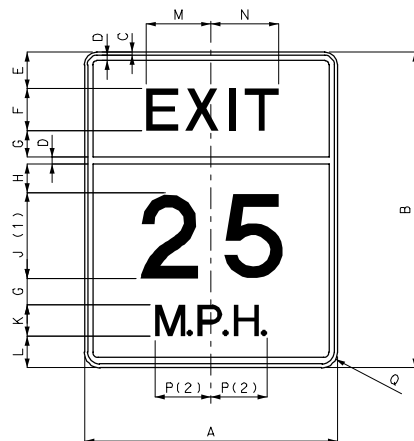
OVER 9 SQUARE FEET TO 16 SQUARE FEET - .100 IN..

16 SQUARE FEET OR LARGER - .125 IN.

FOR MOUNTING DETAILS, SEE OTHER DRAWINGS.

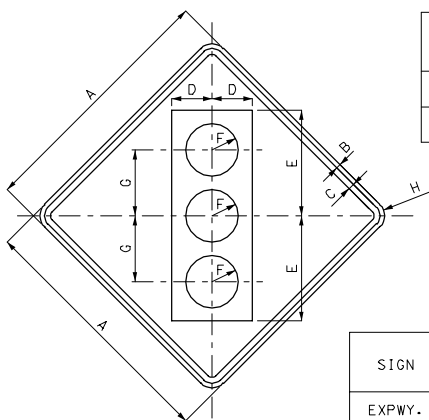
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING SHEET SIGNS RED SERIES SIGNS	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	10 23

RED SERIES SIGNS



W13-2

- (1) OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE
(2) INCREASE SPACING BY 100%



W3-3

COLOR

TOP CIRCLE (RED REFL.)
BOTTOM CIRCLE (GREEN REFL.)

GENERAL SIGN DATA				
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND	L-1	R2	YELLOW	E
LEGEND	L-1		BLACK	
SYMBOLS	L-1		VAR. *	
BORDER			BLACK	
SUBSTRATE	SHEET			

* ALL BLACK EXCEPT W3-3

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
EXPWY.	36	$\frac{3}{8}$	$1\frac{1}{8}$	$2\frac{15}{16}$	$4\frac{1}{2}$	$13\frac{1}{2}$	$12\frac{3}{4}$	$2\frac{1}{4}$	$5\frac{3}{16}$	$9\frac{1}{8}$	$\frac{11}{16}$	$\frac{7}{8}$
FRWY.	48	$\frac{3}{4}$	$1\frac{1}{4}$	$3\frac{7}{8}$	6	18	17	3	$6\frac{7}{8}$	$12\frac{3}{16}$	$\frac{15}{16}$	$1\frac{1}{16}$

DIMENSIONS FOR W6-3

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	M
STD.	24	18	$\frac{3}{8}$	$\frac{5}{8}$	4	4C	2	$9\frac{1}{2}$	$1\frac{1}{2}$	$8\frac{1}{4}$	$8\frac{7}{16}$	$8\frac{13}{16}$

DIMENSIONS FOR W6-3 PLAQUE

SIGN	DIMENSIONS (INCHES)															
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	
STD.	48	60	$\frac{3}{8}$	$1\frac{1}{4}$	7	8E	5	$5\frac{3}{4}$	16E	6E	6	$12\frac{1}{4}$	$12\frac{3}{4}$	$10\frac{5}{8}$	3	

DIMENSIONS FOR W13-2

SIGN	DIMENSIONS (INCHES)							
	A	B	C	D	E	F	G	H
STD.	36	$\frac{3}{8}$	$\frac{7}{8}$	$5\frac{3}{4}$	$15\frac{3}{4}$	$4\frac{1}{4}$	10	$2\frac{1}{4}$
SPECIAL	48	$\frac{3}{4}$	$1\frac{1}{4}$	$7\frac{1}{2}$	20	5	$12\frac{1}{2}$	3

DIMENSIONS FOR W3-3

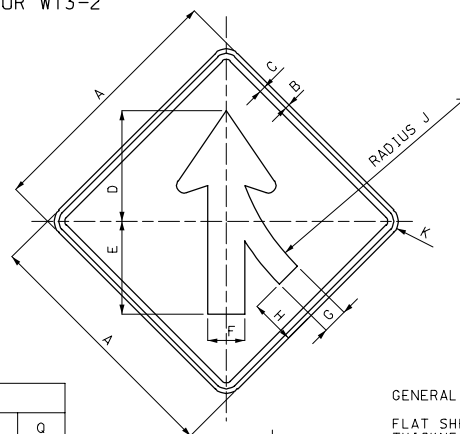
SIGN	DIMENSIONS (INCHES)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	Q
EXPWY.	36	$\frac{5}{8}$	$\frac{7}{8}$	$15\frac{3}{4}$	$13\frac{1}{4}$	$5\frac{1}{4}$	$3\frac{5}{8}$	$6\frac{5}{16}$	$33\frac{5}{8}$	$2\frac{1}{4}$	$10\frac{5}{8}$	6	$1\frac{1}{16}$	$\frac{13}{16}$
FRWY.	48	$\frac{3}{4}$	$1\frac{1}{4}$	$20\frac{1}{2}$	$17\frac{1}{2}$	7	$4\frac{3}{4}$	$8\frac{3}{8}$	45	3	$14\frac{5}{16}$	8	$1\frac{3}{8}$	$1\frac{1}{16}$

DIMENSIONS FOR W4-1

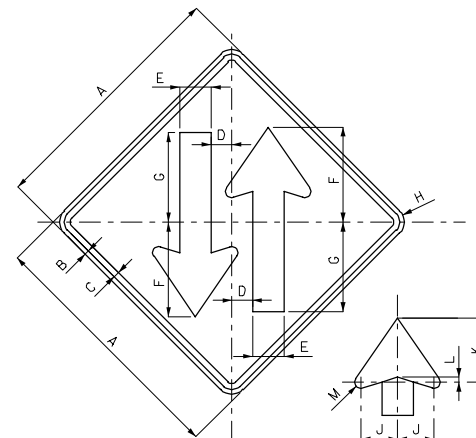
LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN
PRINT, OR OPAQUE OR TRAN-
SLUCENT CUTABLE FILMS AS
APPROVED BY ENGINEER BASED
ON SIGN COLOR COMBINATION.

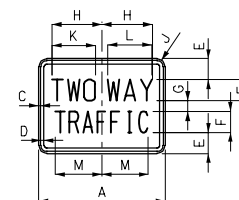
L-3 DIRECT APPLIED (CUT FROM
MATERIAL SHOWN ON PLANS.)



W4-1



W6-3



W6-3 PLAQUE

GENERAL NOTES:

FLAT SHEET FOR SIGNS SHALL BE THE FOLLOWING
THICKNESS:

9 SQUARE FEET OR LESS - .080 IN..

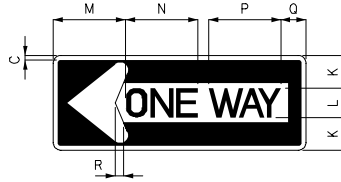
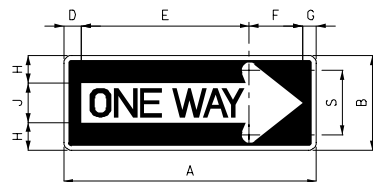
OVER 9 SQUARE FEET TO 16 SQUARE FEET - .100 IN..

GREATER THAN 16 SQUARE FEET - .125 IN.

FOR MOUNTING DETAILS, SEE OTHER DRAWINGS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING SHEET SIGNS WARNING SIGNS	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	11 23

WARNING SIGNS

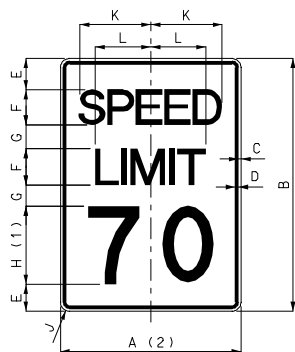


RADI 1 1/2"

R6-1

SIGN	DIMENSIONS (INCHES)																
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
FRWY./EXPWY.	48	18	7/8	3 3/8	31 7/8	10 1/8	2 5/8	5 1/4	7 1/2	6 1/4	5 1/2	13 3/4	13	13 5/8	4 7/8	2 1/2	12 1/4
NON-FRWY./EXPWY.	36	12	3/8	3	26 1/2	7 1/2	2	3 3/8	5 1/4	4	4D	11	9 1/8	9 5/8	4 1/4	1/2	8 1/2

DIMENSIONS FOR R6-1



R2-1

SIGN	DIMENSIONS (INCHES)											
	A	B	C	D	E	F	G	H	J	K	L	
MIN.	24	30	3/8	5/8	4	4E	2	10E	1 1/2	9 9/16	7 5/16	
STD.	30	42	3/8	5/8	5	6D	4	12E	1 1/2	11 9/16	9 1/4	
EXPWY.	36	48	5/8	7/8	6	6E	5	14E	2 1/4	14 3/8	11	
FRWY.	48	60	3/4	1 1/4	8	8E	6	16E	3	19 1/8	14 5/8	

DIMENSIONS FOR R2-1

- (1) OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE.
- (2) SPEED LEGEND VARIES WITH FUNCTIONAL CLASSIFICATION AND LOCATION. VERIFY LOCAL SPEED LIMIT WHEN DETAILING R2-1.

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

SUBSTRATE

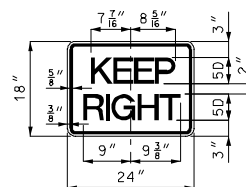
ST STRUCTURAL SH SHEET

BACKGROUND REFLECTIVE SHEETING

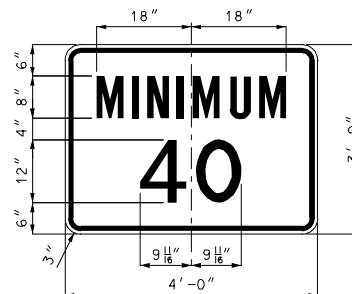
R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

GENERAL SIGN DATA			
SHR2L-1	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
(3) STR2L-1	R2	WHITE *	
BACKGROUND		BLACK *	VAR **
LEGEND	L-1	BLACK *	
SYMBOLS	L-1	BLACK *	
BORDER	L-1	BLACK *	
SUBSTRATE	SHEET		

* REVERSE SCREENED WHITE ARROW & BORDER WITH BLACK BACKGROUND ON R6-1
** SEE DIMENSIONS THIS DRAWING

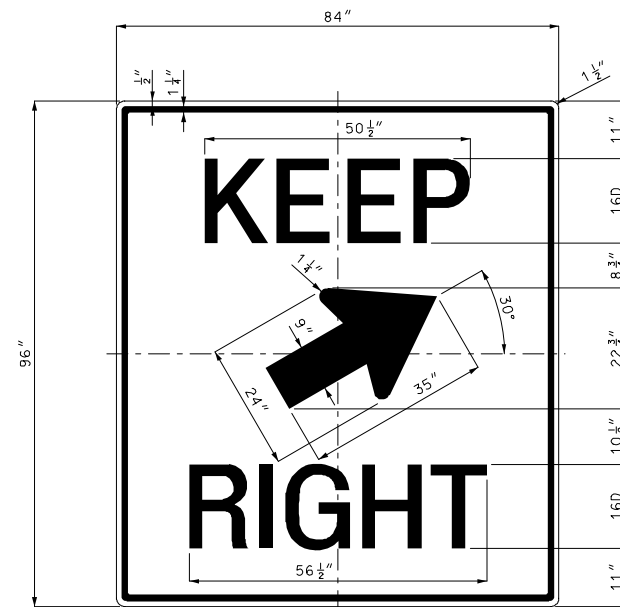


R4-7 PLAQUE



R2-4

FOR USE ON INTERSTATE ONLY



R4-7d

(3) SIGN R4-7d SHALL BE STRUCTURAL

KEEP RIGHT
(WITH 30° ARROW)
FREEWAY/EXPWY.

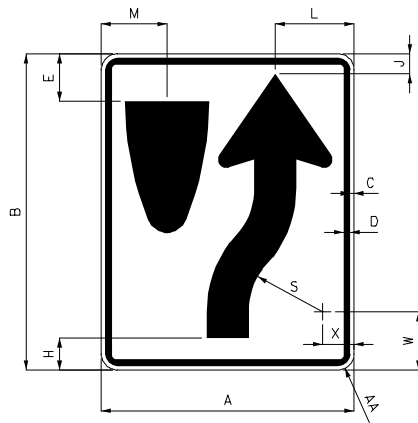
GENERAL NOTES:

FLAT SHEET FOR SIGNS SHALL BE THE FOLLOWING THICKNESS:

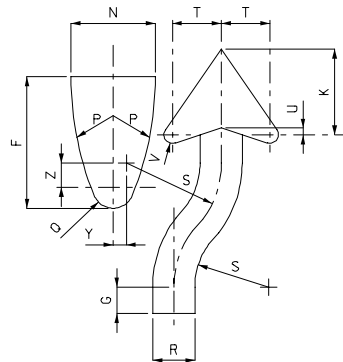
- 9 SQUARE FEET OR LESS - .080 IN.,
- OVER 9 SQUARE FEET TO 16 SQUARE FEET - .100 IN.,
- GREATER THAN 16 SQUARE FEET - .125 IN.

FOR MOUNTING DETAILS, SEE OTHER DRAWINGS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY SIGNING SHEET SIGNS		REGULATORY SIGNS	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	12/23



R4-7

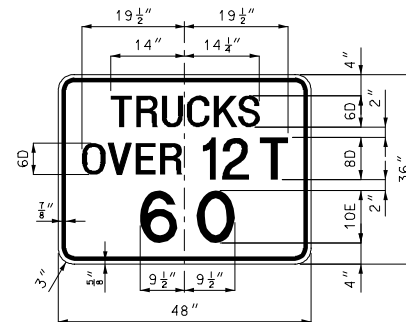


SIGN	DIMENSIONS (INCHES)																				SIGN
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	
EXPWY.	24	30	$\frac{3}{8}$	$\frac{5}{8}$	$4\frac{1}{2}$	$12\frac{1}{2}$	$2\frac{1}{2}$	3	$1\frac{7}{8}$	$8\frac{1}{8}$	$7\frac{1}{2}$	$6\frac{1}{4}$	8	30	2	4	9	$4\frac{3}{8}$	$\frac{3}{8}$	$1\frac{3}{8}$	EXPWY.
FRWY.	48	60	$\frac{3}{8}$	$1\frac{1}{4}$	9	25	5	6	$3\frac{3}{4}$	$16\frac{1}{4}$	15	$12\frac{1}{2}$	16	60	4	8	18	$9\frac{3}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	FRWY.

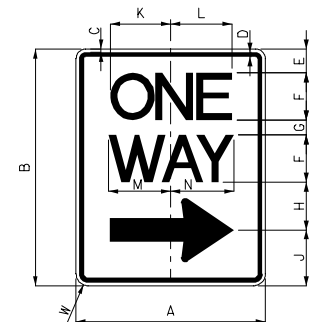
DIMENSIONS FOR R4-7

SIGN	DIMENSIONS (INCHES)																			SIGN		
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U		V	W
MIN. & STD.	18	24	$\frac{3}{8}$	$\frac{5}{8}$	2½	5D	1½	4½	5½	6¼	6⅝	6⅝	6⅞	2¼	2⅝	4½	1½	5⅞	$\frac{3}{8}$	$\frac{7}{16}$	1½	MIN. & STD.
SPECIAL	24	30	$\frac{3}{8}$	$\frac{5}{8}$	3	6D	1⅞	6⅞	7⅞	7¼	7½	7⅞	8¼	3	3½	6⅞	1⅞	7¾	7⅞	$\frac{9}{16}$	1½	SPECIAL

DIMENSIONS FOR R6-2



R2-4a
FOR USE ON
INTERSTATE ONLY
65 M.P.H.



R6-2

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

GENERAL NOTES:

FLAT SHEET FOR SIGNS SHALL BE THE FOLLOWING THICKNESS:

9 SQUARE FEET OR LESS - .080 IN.,

OVER 9 SQUARE FEET TO 16 SQUARE FEET - .100 IN.,

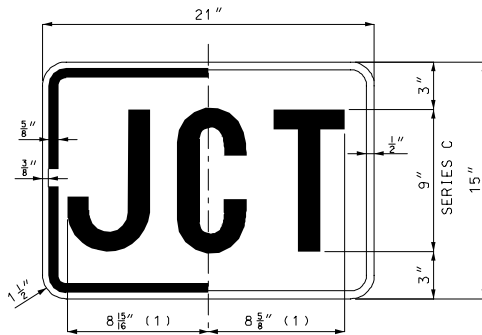
GREATER THAN 16 SQUARE FEET - .125 IN.

FOR MOUNTING DETAILS, SEE OTHER DRAWINGS.

GENERAL SIGN DATA				
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
STR2L-1		R2	WHITE *	
LEGEND	L-1		BLACK	VAR **
SYMBOLS	L-1		BLACK *	
BORDER	L-1		BLACK *	
SUBSTRATE	SHEET			

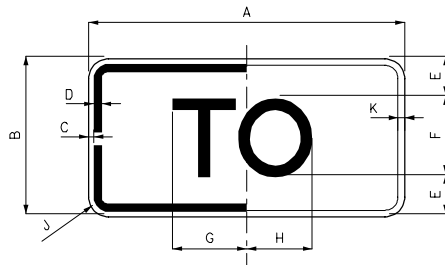
* REVERSE SCREENED WHITE ARROW & BORDER WITH BLACK BACKGROUND ON R6-1
** SEE DIMENSIONS THIS DRAWING

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY SIGNING SHEET SIGNS REGULATORY SIGNS			
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	13 23



M2-1

(1) INCREASE SPACING 25%



ALL OTHER MARKERS INTERSTATE MARKER
M4-5

SIGN	DIMENSIONS (INCHES)									
	A	B	C	D	E	F	G	H	J	K
(1)	24	12	$\frac{3}{8}$	$\frac{5}{8}$	3	6E	$5\frac{5}{8}$	5	$1\frac{1}{2}$	$\frac{1}{2}$
(2)	30	15	$\frac{3}{8}$	$\frac{5}{8}$	$3\frac{1}{2}$	8E	$7\frac{1}{2}$	$6\frac{3}{8}$	$1\frac{1}{2}$	$\frac{1}{2}$

LEGEND, SYMBOLS & BORDER

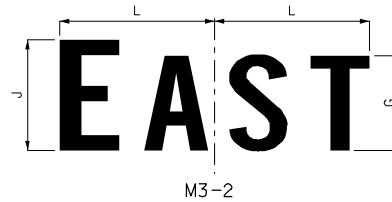
L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

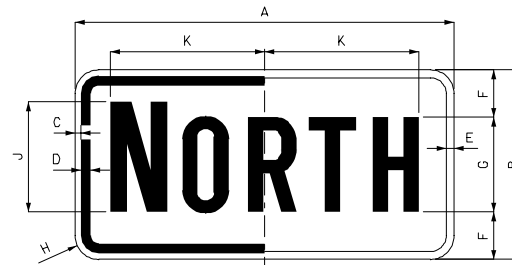
SUBSTRATE
ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7



M3-2



NON-INTERSTATE MARKER INTERSTATE MARKER
M3-1

SIGN	DIMENSIONS (INCHES)												
	A	B	C	D	E	F	G	H	J	K	L	N	Q
(1)	24	12	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{1}{2}$	3	6C	$1\frac{1}{2}$	7C	$9\frac{3}{4}$	$7\frac{1}{4}$	$9\frac{13}{16}$	$8\frac{3}{8}$
(2)	30	15	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{1}{2}$	$3\frac{1}{2}$	8C	$1\frac{1}{2}$	9C	$12\frac{13}{16}$	$10\frac{1}{4}$	$12\frac{13}{16}$	$11\frac{5}{8}$

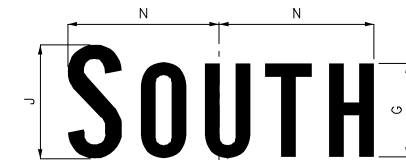
(1) FOR USE WITH 24" WIDE ROUTE SHIELD

(2) FOR USE WITH 30" WIDE ROUTE SHIELD

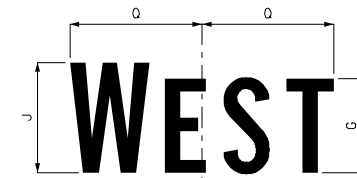
GENERAL SIGN DATA						
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR			LETTER SERIES
BACKGROUND	L-1	R2	BLUE	GREEN	WHITE	
LEGEND	L-1		WHITE *	WHITE *	BLACK	VAR **
SYMBOLS	L-1		WHITE *	WHITE *	BLACK	
BORDER	L-1		WHITE *	WHITE *	BLACK	
SUBSTRATE	SHEET					

* REVERSE SCREENED

** SEE DIMENSION TABLES THIS DRAWING



M3-3



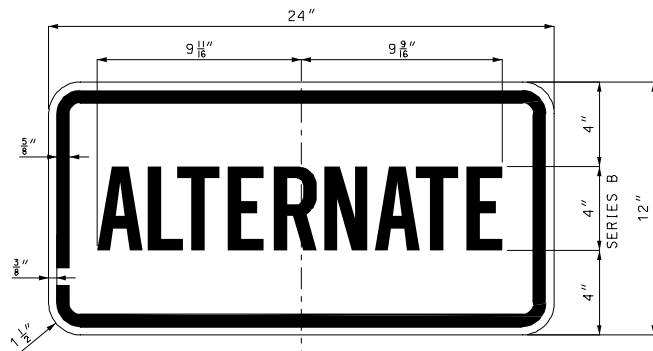
M3-4

GENERAL NOTES:

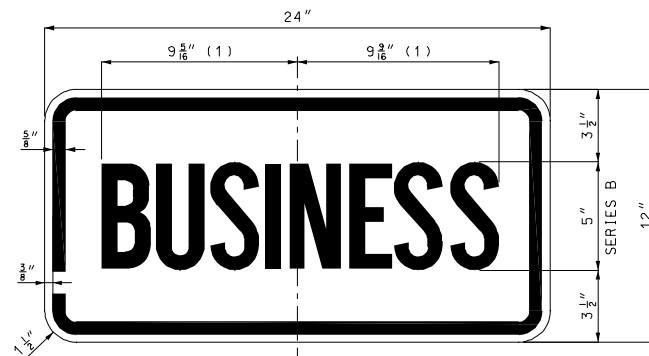
FOR FOOTING, POST AND MOUNTING DETAILS SEE OTHER DRAWINGS.

ALL SIGNS ON THIS SHEET TO BE FABRICATED FROM .080 IN. SHEET ALUMINUM, UNLESS OTHERWISE SHOWN.

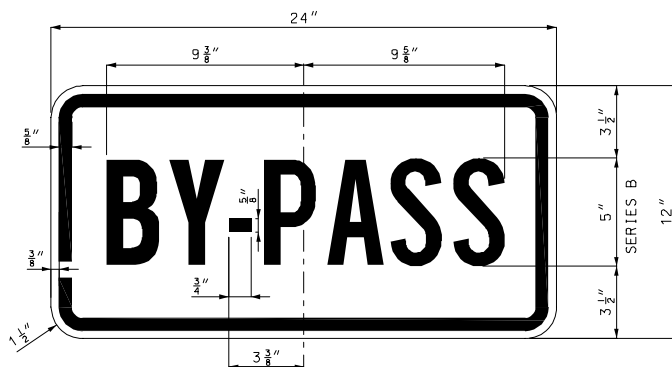
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING SHEET SIGNS CARDINAL DIRECTIONAL MARKERS	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	14 23



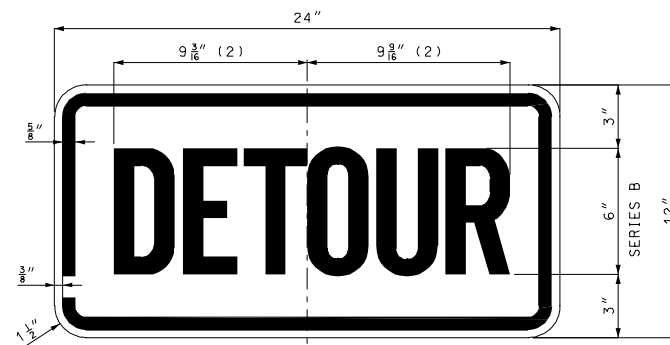
M4-1



M4-3 (1) REDUCE SPACING 40%



M4-2



M4-8 (2) REDUCE SPACING 20%

GENERAL SIGN DATA					
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR		
BACKGROUND	L-1	R2	INTERSTATE	INTERSTATE BUS.	LETTER SERIES
LEGEND	L-1		BLUE	GREEN	WHITE
SYMBOLS	L-1		WHITE *	WHITE *	BLACK
BORDER	L-1		WHITE *	WHITE *	BLACK
SUBSTRATE	SHEET				

* REVERSE SCREENED
** SEE DIMENSION TABLES THIS DRAWING

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

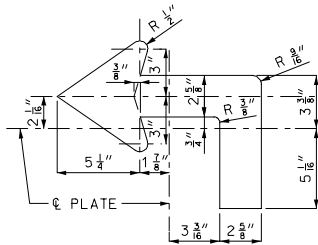
L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

GENERAL NOTES:

FOR FOOTING, POST AND MOUNTING DETAILS SEE OTHER DRAWINGS.

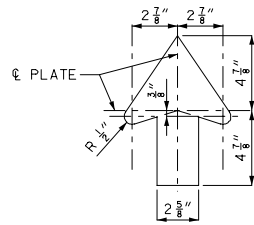
ALL SIGNS ON THIS SHEET TO BE FABRICATED FROM .080 IN. SHEET ALUMINUM, UNLESS OTHERWISE SHOWN.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING SHEET SIGNS AUXILIARY MARKERS	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	15 23



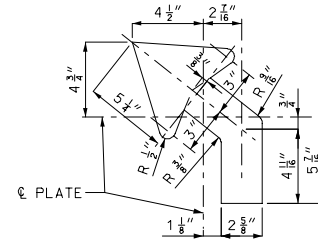
FOR PLATE DETAILS, SEE M6-2

M5-1



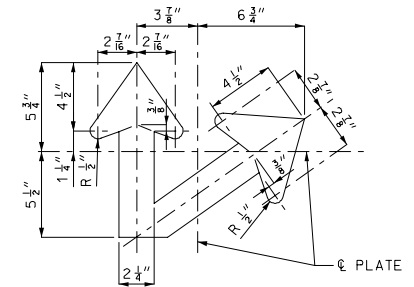
FOR PLATE DETAILS, SEE M6-2

M6-3



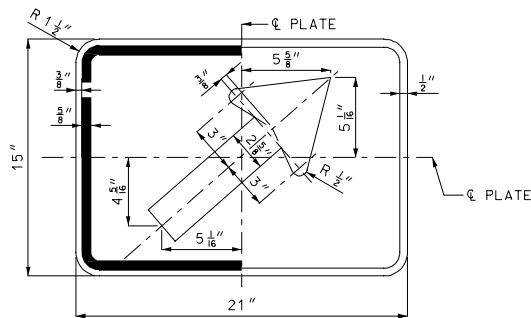
FOR PLATE DETAILS, SEE M6-2

M5-2



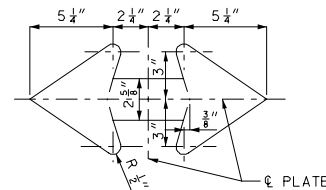
FOR PLATE DETAILS, SEE M6-2

M6-7



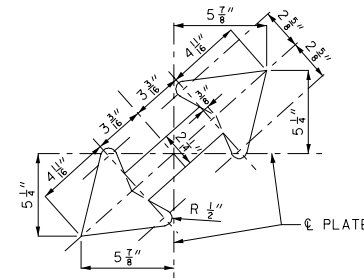
ALL OTHER MARKERS INTERSTATE MARKER

M6-2



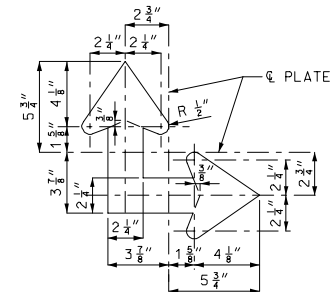
FOR PLATE DETAILS, SEE M6-2

M6-4



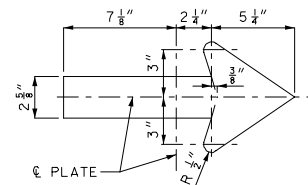
FOR PLATE DETAILS, SEE M6-2

M6-5



FOR PLATE DETAILS, SEE M6-2

M6-6



FOR PLATE DETAILS, SEE M6-2

M6-1

GENERAL SIGN DATA					
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR		
			INTERSTATE	INTERSTATE BUS.	OTHERS
BACKGROUND	L-1	R2	BLUE	GREEN	WHITE
LEGEND	L-1		WHITE *	WHITE *	BLACK VAR **
SYMBOLS	L-1		WHITE *	WHITE *	BLACK
BORDER	L-1		WHITE *	WHITE *	BLACK
SUBSTRATE	SHEET				

* REVERSE SCREENED
** SEE DIMENSION TABLES THIS DRAWING

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

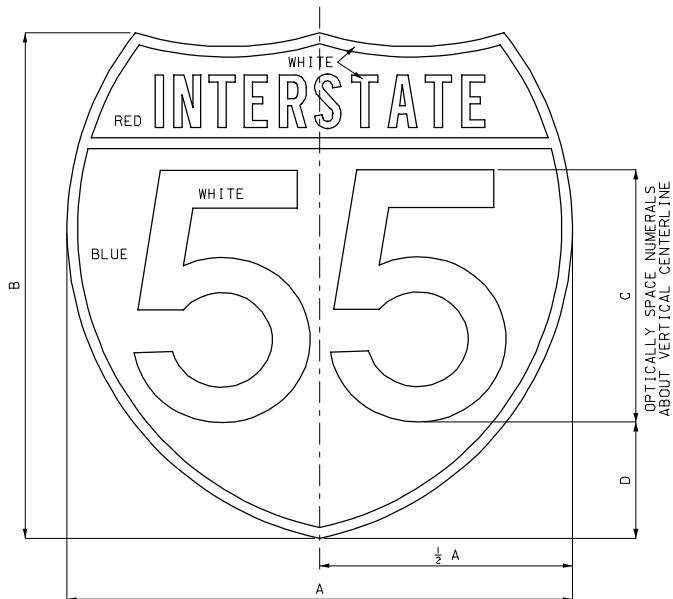
L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

GENERAL NOTES:

FOR FOOTING, POST AND MOUNTING DETAILS SEE OTHER DRAWINGS.

ALL SIGNS ON THIS SHEET TO BE FABRICATED FROM .080 IN. SHEET ALUMINUM, UNLESS OTHERWISE SHOWN.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY SIGNING SHEET SIGNS DIRECTIONAL ARROWS			
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	16 23



FOR GUIDE SIGN USE



FOR INDEPENDENT USE

INTERSTATE SHIELD

LOCATION	SIGN	DIMENSIONS (INCHES)			
		A	B	C	D
CROSSROAD	1,2-DIGITS	24	24	12D	5 1/2
OVERHEAD	1,2-DIGITS	36	36	18D	8 1/2
GROUND MOUNT	1,2-DIGITS	48	48	24D	11
CROSSROAD	3-DIGITS	30	24	12D	5 1/2
OVERHEAD	3-DIGITS	45	36	18D	8 1/2
GROUND MOUNT	3-DIGITS	60	48	24D	11

DIMENSIONS FOR GUIDE SIGN USE SHIELD

GUIDE SIGN				
GENERAL SIGN DATA				
	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND	L-1	R4	VAR.	
LEGEND	L-1 *		WHITE	VAR **
SYMBOLS				
BORDER	L-1 *		WHITE	
SUBSTRATE	STRUCTURAL			

* REVERSE SCREEN PROCESS.
** SEE DIMENSION TABLES THIS DRAWING.

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

SIGN	DIMENSIONS (INCHES)				
	A	B	C	D	E
1 & 2 DIGITS	24	24	1 1/2 D	1 3/8	10D
3 DIGITS	30	24	1 1/2 D	2 1/4	10D

DIMENSIONS FOR INDEPENDENT USE SHIELD

INDEPENDENT				
GENERAL SIGN DATA				
SHR2L-1	TYPE	REFLECTIVE SHEETING TYPE	COLOR	LETTER SERIES
BACKGROUND	L-1	R2	VAR.	
LEGEND	L-1 *		WHITE	VAR **
SYMBOLS				
BORDER	L-1 *		WHITE	
SUBSTRATE	SHEET			

* REVERSE SCREEN PROCESS.
** SEE DIMENSION TABLES THIS DRAWING.

GENERAL NOTES:

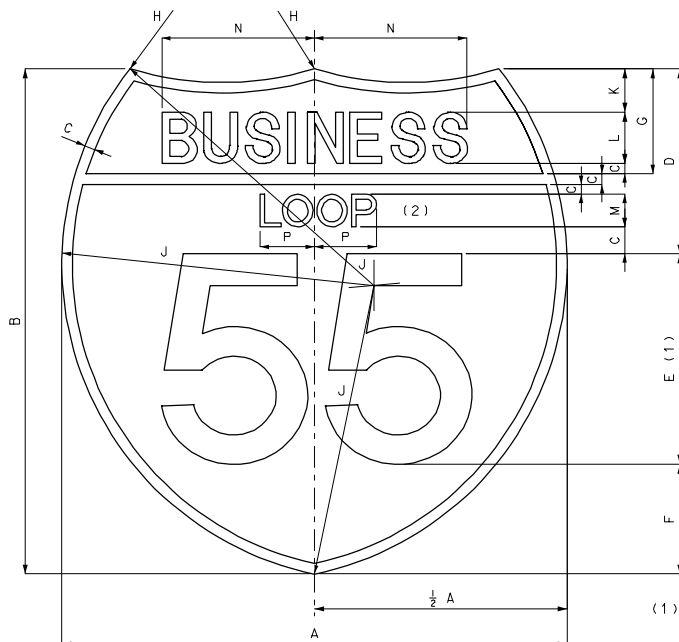
ALL SHIELDS FOR GUIDE SIGN USE SHALL BE SCREEN PROCESS OR ELECTRONIC CUTABLE FILM ON TYPE 7 REFLECTIVE SHEETING.

FOR HOLE PUNCHING AND MOUNTING DETAILS SEE OTHER DRAWINGS.

OCCASSIONALLY THE NUMERALS CANNOT BE ACCOMMODATED WITHIN THE SPACE AVAILABLE ON THE STANDARD SHIELD. FOR THESE SITUATIONS, THE STANDARD SERIES D NUMERAL MAY BE REDUCED TO SERIES C, OR HORIZONTALLY COMPRESSED BY MEANS OF SIGNING SOFTWARE AS DIRECTED BY THE ENGINEER.

ALL SIGNS ON THIS SHEET ARE TO BE FABRICATED FROM .080 IN. SHEET ALUMINUM, UNLESS OTHERWISE SHOWN.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING STANDARD SHIELDS FOR INDEPENDENT AND GUIDE SIGN USE	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	17/23



BUSINESS LOOP OR
SPUR SHIELD

- (1) OPTICALLY SPACE NUMERALS
ABOUT VERT. CENTERLINE.
- (2) USE "SPUR" OR "LOOP"
ACCORDING TO CLASSIFICATION
OF BUSINESS ROUTE.

GENERAL SIGN DATA

SHR2L-1	TYPE	REFL. SHEETING TYPE	IND.	COLOR	LETTER SERIES
BACKGROUND	L-1 *	R4	R2	GREEN	
LEGEND	L-1 *			WHITE	VAR **
SYMBOLS					
BORDER	L-1 *			WHITE	
SUBSTRATE	SHEET				

* REVERSE SCREEN PROCESS.
** SEE DIMENSION TABLES THIS DRAWING.

SUBSTRATE

ST STRUCTURAL
SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN
PRINT, OR OPAQUE OR TRAN-
SLUCENT CUTTABLE FILMS AS
APPROVED BY ENGINEER BASED
ON SIGN COLOR COMBINATION.

L-3 DIRECT APPLIED (CUT FROM
MATERIAL SHOWN ON PLANS.)

GENERAL NOTES:

ALL SHIELDS FOR GUIDE SIGN USE SHALL BE SCREEN PROCESS
OR ELECTRONIC CUTTABLE FILM ON TYPE 7 REFLECTIVE
SHEETING.

FOR HOLE PUNCHING AND MOUNTING DETAILS SEE OTHER
DRAWINGS.

OCCASIONALLY THE NUMERALS CANNOT BE ACCOMMODATED
WITHIN THE SPACE AVAILABLE ON THE STANDARD SHIELD.
FOR THESE SITUATIONS, THE STANDARD SERIES D NUMERAL
MAY BE REDUCED TO SERIES C, OR HORIZONTALLY COMPRESSED
BY MEANS OF SIGNING SOFTWARE AS DIRECTED BY THE
ENGINEER.

ALL SIGNS ON THIS SHEET ARE TO BE FABRICATED FROM .080
IN. SHEET ALUMINUM, UNLESS OTHERWISE SHOWN.

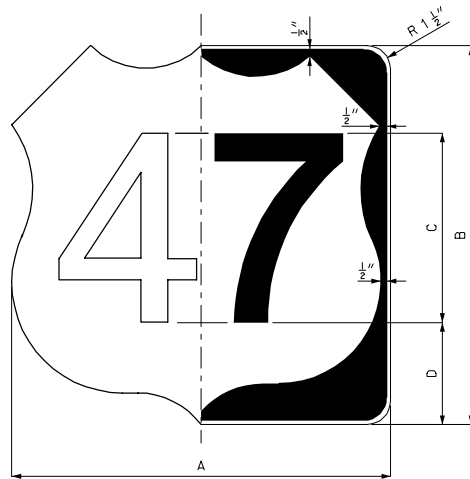
LOCATION	SIGN	DIMENSIONS (INCHES)													
		A	B	C	D	E	F	G	H	J	K	L	M	N	P
INDEPENDENT	1,2-DIGITS	24	24	$\frac{1}{2}$	8	10D	6	5	15	15	2	$2\frac{1}{2}$ C	$1\frac{1}{2}$ D	$6\frac{5}{8}$	$2\frac{9}{16}$
OVERHEAD	1,2-DIGITS	36	36	$\frac{3}{8}$	12	15D	9	$7\frac{1}{2}$	$22\frac{1}{2}$	$22\frac{1}{2}$	3	$3\frac{3}{4}$ C	$2\frac{1}{4}$ D	$9\frac{15}{16}$	$3\frac{7}{8}$
GROUND MOUNT	1,2-DIGITS	48	48	1	16	20D	12	10	30	30	4	5C	3D	$13\frac{1}{4}$	$5\frac{1}{8}$
INDEPENDENT	3-DIGITS	30	24	$\frac{1}{2}$	8	10D	6	5	24	17	2	$2\frac{1}{2}$ C	$1\frac{1}{2}$ D	$6\frac{3}{8}$	$2\frac{9}{16}$
OVERHEAD	3-DIGITS	45	36	$\frac{3}{4}$	12	15D	9	$7\frac{1}{2}$	36	$25\frac{1}{2}$	3	$3\frac{3}{4}$ C	$2\frac{1}{4}$ D	$9\frac{15}{16}$	$3\frac{7}{8}$
GROUND MOUNT	3-DIGITS	60	48	1	16	20D	12	10	48	34	4	5C	3D	$13\frac{1}{4}$	$5\frac{1}{8}$

DIMENSIONS FOR BUSINESS LOOP OR SPUR SHIELD

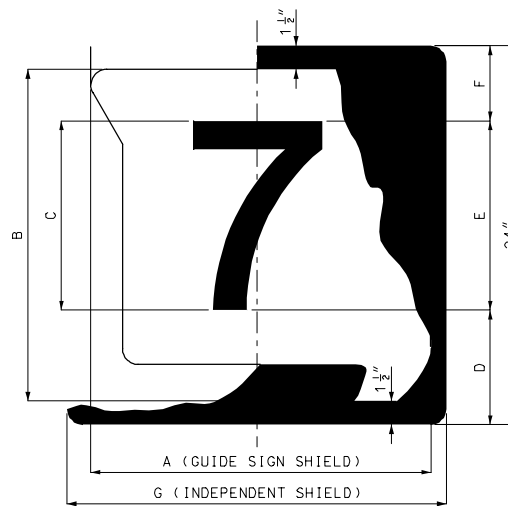
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

HIGHWAY SIGNING
STANDARD SHIELDS FOR
INDEPENDENT AND GUIDE
SIGN USE

DATE: _____ EFFECTIVE: 01-01-2003 903.02AF 18/23



FOR GUIDE SIGN USE FOR INDEPENDENT USE



FOR GUIDE SIGN USE FOR INDEPENDENT USE

GUIDE SIGN GENERAL SIGN DATA			
SHR2L-1	COLOR	REFLECTIVE SHEETING TYPE	LETTER SERIES
BACKGROUND	WHITE	R2	
LEGEND	BLACK		VAR *
SYMBOLS	WHITE		

INDEPENDENT GENERAL SIGN DATA			
SHR2L-1	COLOR	REFLECTIVE SHEETING TYPE	LETTER SERIES
BACKGROUND	WHITE		
LEGEND	BLACK		VAR *
SYMBOLS	WHITE		
BORDER	BLACK		
SUBSTRATE	SHEET		

* SEE DIMENSION TABLES THIS DRAWING.

LEGEND, SYMBOLS & BORDER

L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.

SUBSTRATE

ST STRUCTURAL SH SHEET

L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

LOCATION	ROUTE NUMBER	DIMENSIONS (INCHES) FOR GUIDE SIGN USE			
		A	B	C	D
CROSSROAD	1 & 2 DIGITS	24	24	12D	6 1/2
OVERHEAD	1 & 2 DIGITS	36	36	18D	9 3/4
GROUND MOUNT	1 & 2 DIGITS	48	48	24D	13
CROSSROAD	3 DIGITS	30	24	12D	6 1/2
OVERHEAD	3 DIGITS	45	36	18D	9 3/4
GROUND MOUNT	3 DIGITS	60	48	24D	13

ROUTE NUMBER	DIMENSIONS (INCHES) FOR INDEPENDENT USE			
	A	B	C	D
1 & 2 DIGITS	24	24	12	6 1/2
3 DIGITS	30	24	12	6 1/2

- (1) OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE.
(2) FOR TWO DIGIT ROUTES USE D NUMERAL. FOR THREE DIGIT ROUTES USE C NUMERAL.

U.S. ROUTE SHIELD

LOCATION	ROUTE NUMBER	DIMENSIONS (INCHES) FOR GUIDE SIGN USE		
		A	B	C
CROSSROAD	1 & 2 DIGITS	24	24	12D
OVERHEAD	1 & 2 DIGITS	36	36	18C
GROUND MOUNT	1 & 2 DIGITS	48	48	24D
CROSSROAD	3 DIGITS	30	24	12C
OVERHEAD	3 DIGITS	45	36	18D
GROUND MOUNT	3 DIGITS	60	48	24D

ROUTE NUMBER	DIMENSIONS (INCHES) FOR INDEPENDENT USE			
	D	E	F	G
1 & 2 DIGIT	7 1/4	12D	4 3/4	24
3 DIGIT	8 1/4	12 B OR C	5 3/4	30

STATE ROUTE SHIELD

GENERAL NOTES:

ALL SHIELDS FOR GUIDE SIGN USE SHALL BE SCREEN PROCESS OR CUTTABLE FILM ON TYPE 7 REFLECTIVE SHEETING.

ALL SHIELDS FOR INDEPENDENT SIGN USE SHALL BE SCREEN PROCESS OR CUTTABLE FILM ON TYPE 3 REFLECTIVE SHEETING.

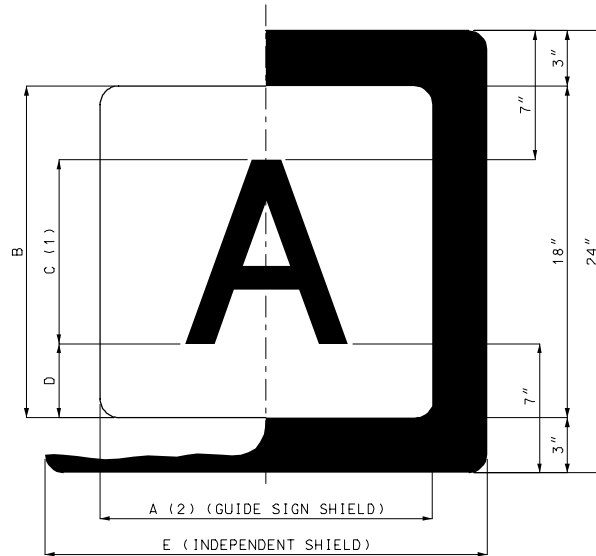
FOR HOLE PUNCHING AND MOUNTING DETAILS SEE OTHER DRAWINGS.

LAYOUT OF MISSOURI SHIELDS ARE AVAILABLE UPON REQUEST.

OCCASIONALLY THE NUMERALS CANNOT BE ACCOMMODATED WITHIN THE SPACE AVAILABLE ON THE STANDARD SHIELD. FOR THESE SITUATIONS, THE STANDARD SERIES D NUMERAL MAY BE REDUCED TO SERIES C, OR HORIZONTALLY COMPRESSED BY MEANS OF SIGNING SOFTWARE AS DIRECTED BY THE ENGINEER.

ALL SIGNS ON THIS SHEET ARE TO BE FABRICATED FROM .080 IN. SHEET ALUMINUM, UNLESS OTHERWISE SHOWN.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING STANDARD SHIELDS FOR INDEPENDENT AND GUIDE SIGN USE	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	19 23



FOR GUIDE SIGN USE

FOR INDEPENDENT USE

LOCATION	NO. OF LETTERS	DIMENSIONS (INCHES)			
		A	B	C	D
CROSSROAD	1	24	24	12D	6
CROSSROAD	2	30	24	12D	6
OVERHEAD	1 OR 2	30	30	18D	6
GROUND MOUNT	1 OR 2	42	42	24D	9

- (1) USE SERIES D LETTERS ON SHIELD WITH TWO LETTERS.
 (2) INCREASE WIDTH 6" FOR SHIELD WITH TWO LETTERS.

NUMBER OF LETTERS	DIMENSIONS (INCHES) FOR INDEPENDENT USE	
	C	E
1	12D	24
2	12C	30

SUPPLEMENTARY SHIELD

GUIDE SIGN			
GENERAL SIGN DATA			
SHR2L-1	COLOR	REFLECTIVE SHEETING TYPE	LETTER SERIES
BACKGROUND	WHITE	R4	
LEGEND	BLACK		VAR *
SYMBOLS	WHITE		
INDEPENDENT			
GENERAL SIGN DATA			
SHR2L-1	COLOR	REFLECTIVE SHEETING TYPE	LETTER SERIES
BACKGROUND	WHITE	R2	
LEGEND	BLACK		VAR *
SYMBOLS	WHITE		
BORDER	BLACK		
SUBSTRATE	SHEET		

* SEE DIMENSION TABLES THIS DRAWING.

SUBSTRATE
 ST STRUCTURAL
 SH SHEET

BACKGROUND REFLECTIVE SHEETING

R2 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 3
 R4 REFER TO MISSOURI SPECIFICATION SECTION 1042 TYPE 7

LEGEND, SYMBOLS & BORDER
 L-1 SCREEN PRINT, REVERSE SCREEN PRINT, OR OPAQUE OR TRANSLUCENT CUTTABLE FILMS AS APPROVED BY ENGINEER BASED ON SIGN COLOR COMBINATION.
 L-3 DIRECT APPLIED (CUT FROM MATERIAL SHOWN ON PLANS.)

GENERAL NOTES:

ALL SHIELDS FOR GUIDE SIGN USE SHALL BE SCREEN PROCESS OR CUTTABLE FILM ON TYPE 7 REFLECTIVE SHEETING.

ALL SHIELDS FOR INDEPENDENT SIGN USE SHALL BE SCREEN PROCESS OR CUTTABLE FILM ON TYPE 3 REFLECTIVE SHEETING.

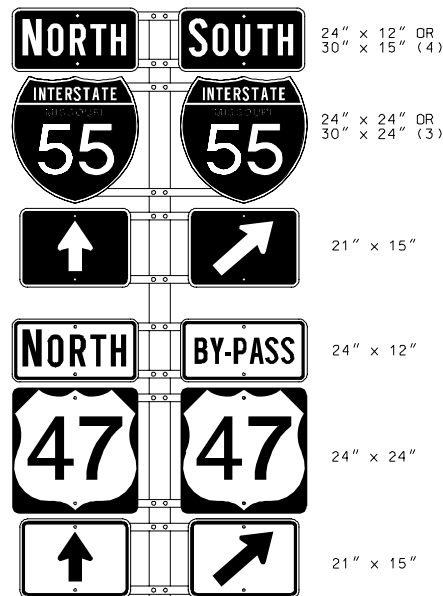
FOR HOLE PUNCHING AND MOUNTING DETAILS SEE OTHER DRAWINGS.

LAYOUT OF MISSOURI SHIELDS ARE AVAILABLE UPON REQUEST.

OCCASIONALLY THE NUMERALS CANNOT BE ACCOMMODATED WITHIN THE SPACE AVAILABLE ON THE STANDARD SHIELD. FOR THESE SITUATIONS, THE STANDARD SERIES D NUMERAL MAY BE REDUCED TO SERIES C, OR HORIZONTALLY COMPRESSED BY MEANS OF SIGNING SOFTWARE AS DIRECTED BY THE ENGINEER.

ALL SIGNS ON THIS SHEET ARE TO BE FABRICATED FROM .080 IN. SHEET ALUMINUM, UNLESS OTHERWISE SHOWN.

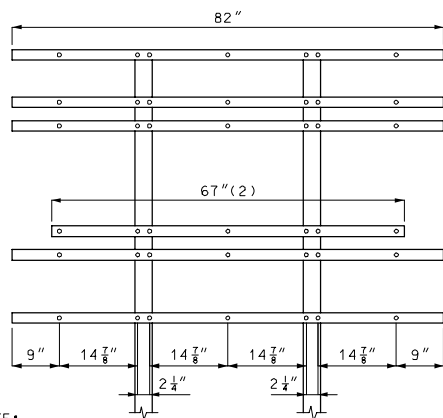
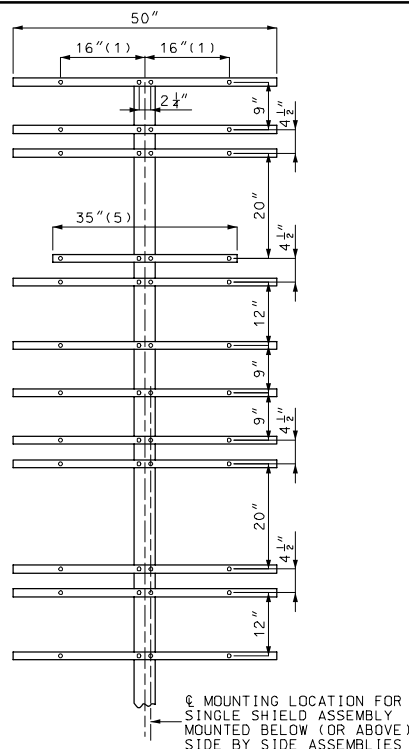
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		HIGHWAY SIGNING STANDARD SHIELDS FOR INDEPENDENT AND GUIDE SIGN USE	
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	20 23



TWO ROUTE ASSEMBLY

NOTE: 1ST DIMENSION - WIDTH OF PLATE
2ND DIMENSION - HEIGHT OF PLATE

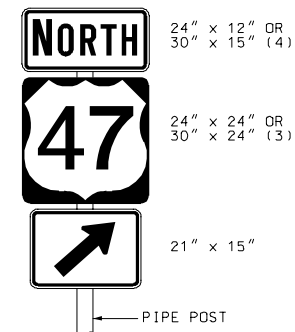
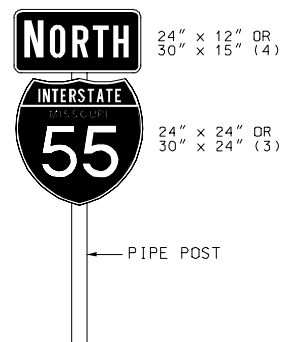
ONE POST
(WITH BARS)



NOTE:
ASSEMBLIES WITH TWO ROUTE SHIELDS MOUNTED BELOW
THREE ROUTE SHIELDS SHALL BE MOUNTED TO THE POST
AS SHOWN IN ONE POST WITH BARS, DRAWING ABOVE.

TWO POST

WIDE FLANGE POST MOUNTING



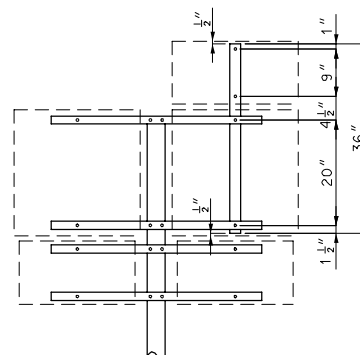
- (1) FOR 30" x 24" SHIELD, DIMENSION WILL BE 22".
- (2) FULL SIZE BARS SHALL BE USED WHEN INTERSTATE SHIELD IS NOT USED. VERTICAL SPACING OF BARS SHALL BE THE SAME AS FOR A SINGLE POST ASSEMBLY.
- (3) 24" x 24" SHALL BE USED FOR 1 OR 2 DIGIT ROUTE SHIELDS.
- (4) USE 24" x 12" FOR 24" x 24" ROUTE SHIELD. USE 30" x 15" FOR 30" x 24" ROUTE SHIELD.
- (5) FOR SIDE BY SIDE 30" x 24" SHIELDS, DIMENSION WILL BE 41".

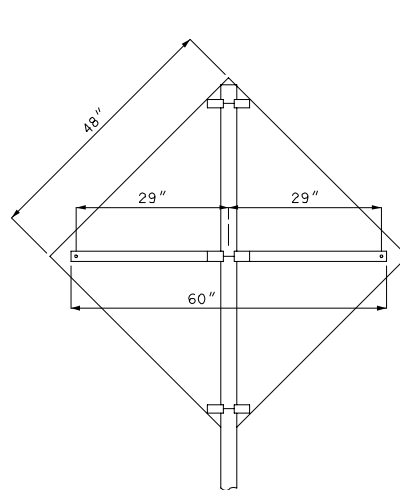
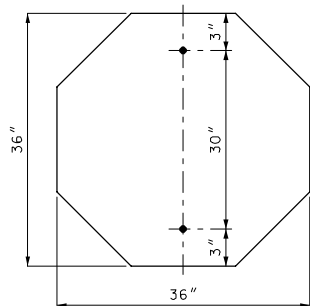
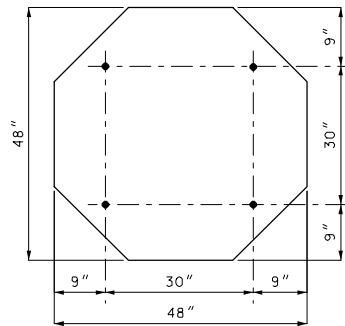
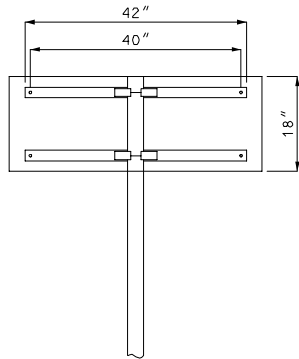
GENERAL NOTES:

ALL BARS SHALL BE 2" x $\frac{3}{8}$ " STEEL, GALVANIZED AFTER PUNCHING.
WEIGHT = 2.55 LBS. PER FOOT. HOLES IN BARS SHALL BE $\frac{3}{8}$ " AND SHALL BE PUNCHED AS SHOWN ON THIS DRAWING.
BACKING BARS PAID FOR AS STRUCTURAL STEEL, PER POUND.
FOR POST AND FOOTING DATA AND DETAILS OF SHIELDS AND PLAQUES, SEE OTHER DRAWINGS.

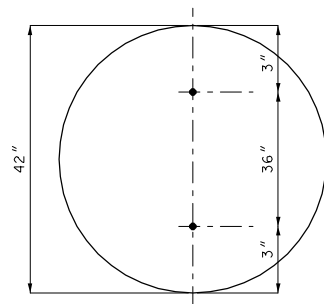
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY SIGNING BACKING BARS SHEET SIGN MOUNTING ROUTE SHIELD AND MARKER ASSEMBLIES			
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	21 23

AUXILIARY PLATE MOUNTING

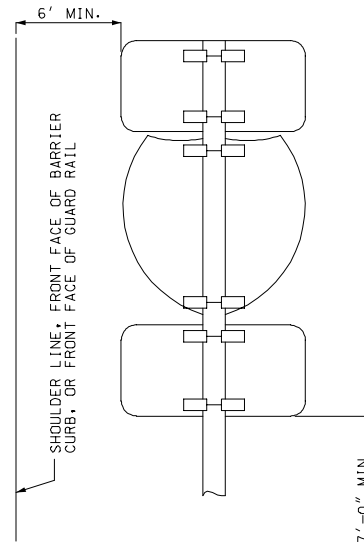




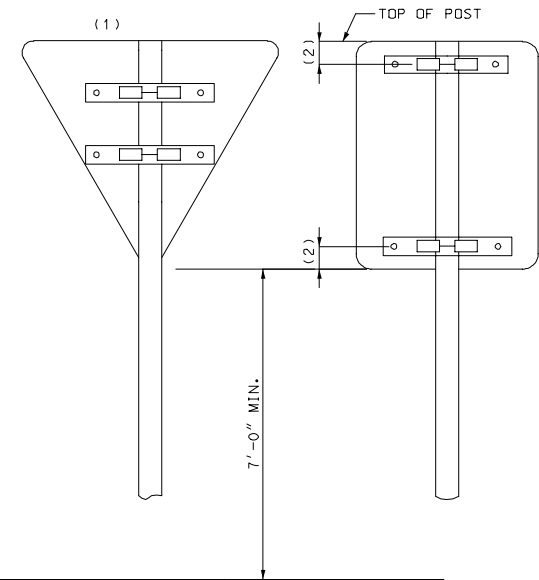
BACKING BAR DETAIL
PIPE POST MOUNTING



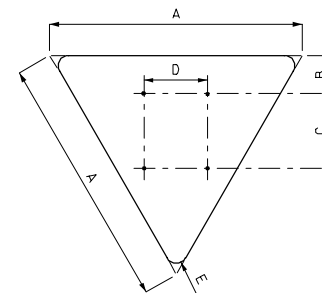
NOTE:
ADDITIONAL HOLES WILL BE REQUIRED TO ACCOMMODATE REQUIRED BACKING BARS FOR THE 48" DIAMOND, 60" TRIANGLE AND THE 48"x18" RECTANGLE SIGNS. THE BACKING BARS WILL EXTEND 1" BEYOND THE INDICATED HOLE LOCATIONS.



ELEV. OUTSIDE EDGE OF PAVEMENT
FOR CLAMP DETAILS. SEE OTHER DRAWINGS.



- (1) BACKING BAR REQUIRED FOR 60" YIELD.
(2) DIMENSION SHALL BE FROM CENTER OF HOLE TO EDGE OF PLATE.



DIM. (IN.)				
A	B	C	D	E
48	3	12	12	3
60	3	18	15	3

GENERAL NOTES:

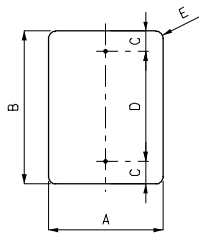
HOLES IN SIGNS SHALL BE $\frac{3}{8}$ " AND PUNCHED AS SHOWN ON THIS DRAWING.

MINIMUM CLEARANCES ALL SIGNS THIS SHEET - VERTICAL 7'-0" FROM PAVEMENT EDGE, HORIZONTAL, NEAREST SHIELD EDGE 6'-0" FROM SHOULDER LINE OR FACE OF BARRIER CURB.

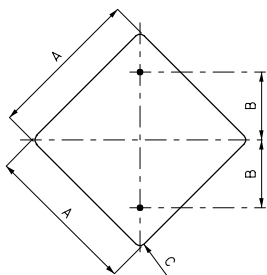
PIPE POSTS SHALL BE USED WHEN APPLICABLE.

ADJUST POSTS, NOT FOOTINGS, IF NECESSARY FOR MINIMUM CLEARANCE.

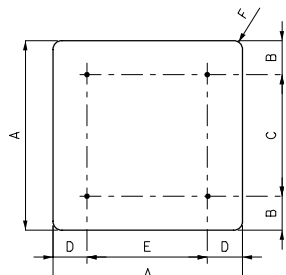
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY SIGNING HOLE PUNCHING AND BACKING BARS			
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	22 23



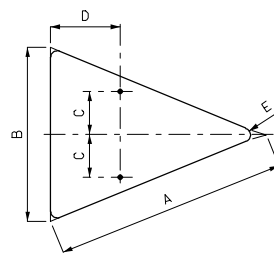
DIM. (IN.)				
A	B	C	D	E
6	15	1.5	12	1.5
8	24	3	18	1.5
9	12	1.5	9	1.5
9	48	3	42	1.5
10	30	3	24	1.5
12	18	3	12	1.5
12	24	3	18	1.5
12	36	3	30	1.5
12	48	3	42	1.5
18	24	3	18	1.5
24	30	3	24	1.5
24	36	3	30	1.5
30	36	3	30	1.5
30	42	3	36	1.5
30	48	3	42	1.5



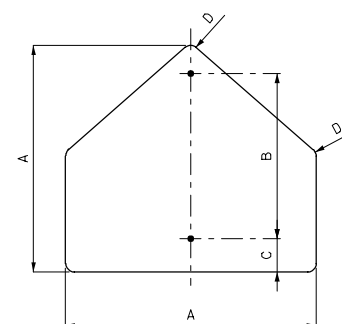
DIM. (IN.)		
A	B	C
24	12	1.5
30	15	1.5
36	18	1.5



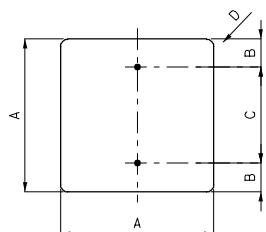
DIM. (IN.)					
A	B	C	D	E	F
36	6	24	6	24	1.5
48	6	36	9	30	3



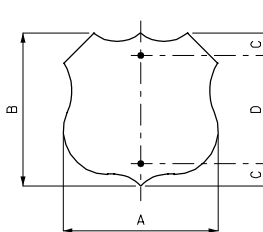
DIM. (IN.)				
A	B	C	D	E
40	30	7.5	12	1.5
48	36	9	15	1.5



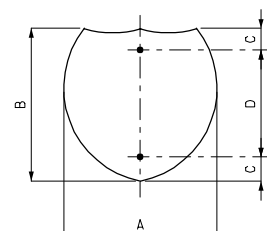
DIM. (IN.)			
A	B	C	D
36	24	3	1.5



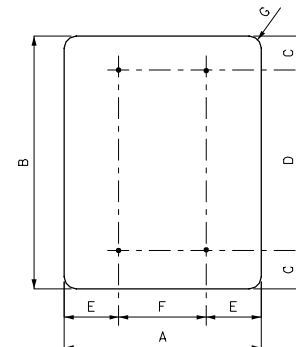
DIM. (IN.)			
A	B	C	D
14	3	8	1.5
18	3	12	1.5
24	3	18	1.5
30	3	24	1.5



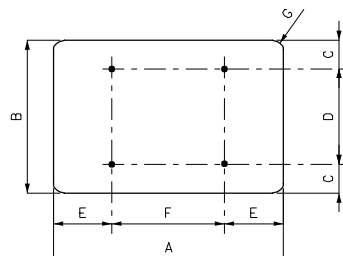
DIM. (IN.)			
A	B	C	D
24	24	3	18
30	24	3	18
36	36	6	24
45	36	6	24



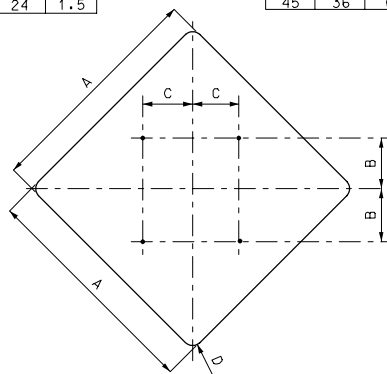
DIM. (IN.)			
A	B	C	D
24	24	3	18
30	24	3	18
36	36	6	24
45	36	6	24



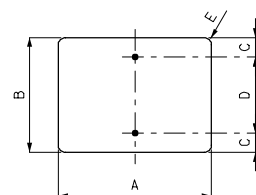
DIM. (IN.)						
A	B	C	D	E	F	G
36	48	6	36	6	24	1.5
36	54	6	42	6	24	1.5
48	60	6	48	9	30	3



DIM. (IN.)						
A	B	C	D	E	F	G
36	24	3	18	6	24	1.5
36	30	3	24	6	24	1.5
42	30	3	24	6	30	1.5
42	36	3	30	6	30	1.5
48	12	1.5	9	9	30	1.5
48	18	1.5	15	9	30	1.5
48	24	3	18	9	30	1.5
48	30	3	24	9	30	1.5
48	36	3	30	9	30	1.5
60	12	1.5	9	12	36	1.5
60	24	3	18	12	36	1.5
60	36	6	24	12	36	1.5



DIM. (IN.)			
A	B	C	D
48	15	15	3
60	18	18	3



DIM. (IN.)				
A	B	C	D	E
5	9	1.5	6	1.5
12	9	1.5	6	1.5
14	12	1.5	9	1.5
18	12	1.5	9	1.5
20	9	1.5	6	1.5
21	15	1.5	12	1.5
24	6	1.5	3	1.5
24	8	1.5	5	1.5
24	10	1.5	7	1.5
24	12	1.5	9	1.5
24	18	3	12	1.5
30	6	1.5	3	1.5
30	12	1.5	9	1.5
30	15	1.5	12	1.5
30	18	3	12	1.5
30	24	3	18	1.5
36	12	1.5	9	1.5
36	18	3	12	1.5

NOTE:
ADDITIONAL HOLES WILL BE REQUIRED TO ACCOMMODATE REQUIRED BACKING BARS FOR THE 48" DIAMOND, 60" TRIANGLE AND THE 48"x18" RECTANGLE SIGNS. THE BACKING BARS WILL EXTEND 1" BEYOND THE INDICATED HOLE LOCATIONS.

GENERAL NOTES:

HOLES IN SIGNS SHALL BE $\frac{3}{8}$ " AND PUNCHED AS SHOWN ON THIS DRAWING.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
HIGHWAY SIGNING HOLE PUNCHING			
DATE: _____	EFFECTIVE: 01-01-2003	903.02AF	23